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1968 WILDFIRE STATISTICS

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Prepared by

Division of Cooperative Forest Fire Control

Forest Service – U. S. Department of Agriculture

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- Prepared By -

The Division of Cooperative Forest Fire Control
State and Private Forestry Cooperation
FOREST SERVICE

U. S. Department of Agriculture

PREFACE

The tables in this publication are a compilation of forest fire statistics covering Calendar Year 1968 as reported to the United States Forest Service by its field offices, the State Forester, or comparable State Official, of each of the 50 States, the Department of the Interior, and the Tennessee Valley Authority.

The statistics obtained are for forest land and nonforested watershed lands in Federal ownership, and on State and privately owned lands which are included in the Cooperative Forest Fire Control Program as authorized by Section 2 of the Clarke-McNary Act of 1924. (C-M 2).

Statistical data is shown separately for each individual State, and totals are also given for certain geographical groups of States. These statistics are the most reliable information which the Federal and State protection agencies were able to obtain.

As no field organizations are available in unprotected areas to report fires, the statistics shown for such areas are merely the best estimates made by the States.

The Cooperative Forest Fire Control Program, referred to above, started under provision of the Weeks Law of March 1, 1911. The law authorized the Secretary of Agriculture to enter into agreements with the States "to cooperate in the organization and maintenance of a system of fire protection on any private or State forest lands --- upon the watershed of a navigable river." Cooperating States had to provide by law for a system of fire protection to which the Federal Government could contribute up to one-half of the cost.

The Clarke-McNary Act of 1924 broadened and strengthened the provisions of the Weeks Law. Section 2 authorized extension of Cooperative Forest Fire Control to include all forests and critical watershed lands in State and private ownerships.

The State Forestry Department provides the manpower and organization to do the job within each State. The Forest Service gives support through financial assistance, coordination, review and audit. It also provides services such as help in the training of personnel, development and procurement of better fire equipment and tools, radio communications, dissemination of knowledge gained in forest fire research and direction of the nationwide forest fire prevention program.

Elliot W. Zimmerman

Director
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STATE USE OF AIRCRAFT IN WILDFIRE DETECTION AND SUPPRESSION

- Excerpts From State Reports -

Connecticut initiated its first scheduled aircraft patrols in 1968. The aircraft not only carried out patrol activities but also assisted fire crews in suppression activities. In 1968 thirteen fire towers were used but now it is planned to use only four towers plus aircraft on medium days in 1969. Three more towers plus additional aircraft patrols will be added on high danger days.

Contract patrol aircraft flew over 4,300 hours in Florida at an average cost of $9.91 per hour during the 1968 fire season. Additional seasonal patrols were flown by pilots hired on an hourly basis, using Service-owned aircraft. One Beaver was equipped for use as an aerial tanker.

Georgia Forestry Commission aerial tankers were used to a greater extent during 1968 than in any previous year. Aerial tankers made 168 drops on 61 fires and dropped a total of 7,840 gallons of DAP fire retardant. most of these drops, made in southeastern Georgia, proved very effective in controlling fires during high fire danger periods.

North Idaho used a contract helicopter and a retardant plane for the first time in 1968.

Maine awarded contracts for flight patterns for aerial detection in 1968. Minimum contract was for 300 hours but, due to high fire danger, averaged out to 380 hours. Costs were $27,552 less than if salary and retirement costs of the 20 displaced watchmen had been paid.

Michigan successfully tested a Beaver equipped with floats and a 125 gallon water tank. There were 130 water drops made on seven fires. In May, one of the incendiary fires in the Beilman Road area was completely extinguished by this method. Detection aircraft spotted an incendiarist who was then apprehended and successfully prosecuted. The Piper Super Cub airplanes, stationed at Gladwin and Newberry, were replaced with Maule Rocket Airplanes. The added speed of more than 30 miles per hour has allowed better coverage and faster action on fires.

A study made in 1967 and 1968, by Minnesota, proved conclusively that aerial detection is needed. When funds become available aerial detection is planned on one and one-half million acres of forest and watershed lands.

New Hampshire used a contract plane after lightning storms and during critical periods to supplement lookouts and patrolmen. A bulldozer, obtained through the Federal Excess Property Program, was used in Coos County to build light plane landing strips. A Beaver plane was used, in one water dropping sequence, on an actual wildfire. From observations of water drop patterns, the float tanks were reversed to drop inward.

New Jersey plans to use an additional helicopter in the Central portion of the State during the 1969 spring fire season. An additional retardant dropping helicopter, based in the Atsion Area of the Wharton Forest, proved very effective during the 1968 fire season and during the dry period in late September. It is felt that increased use of two-man tanker patrols in high risk and high hazard areas, on days when the fire load rating reached 15, helped keep burned acreage low.

North Carolina contracted two large air tankers on a fire season basis. The use of large air tankers for initial attack is now standard operating practice.

The Oregon State Forestry Department is strongly committed to the use of helitankers to deliver water and fire retardants in support of the fire suppression effort. The successful use of helitankers on the Oxbow Fire in 1966 led to a very successful pilot program the following season with a single standby unit at Roseburg, Oregon. Three Kaman helitankers were retained on a standby contract at the respective district headquarters of the Southern Oregon area for a sixty-day period of the 1968 fire season. The helitankers substantially increased the level of fire protection provided in southwestern Oregon and added significantly to the capability of the fire control system to respond Statewide to critical fire situations.

The role of the helitanker, in southwestern Oregon, has generally been one of support for ground suppression activity rather than one of individual initial action. Experience now indicates that the helicopter delivery of water and retardants to the fire line can be highly successful in reducing damages from fire and in reducing overall cost of suppression.

State of Rhode Island helicopters were instrumental in saving several houses in the large North Kingstown fire. The State plans to employ a fixed-wing aircraft to supplement tower detection.

Texas has increased the use of aerial patrols through improved detection procedures which include "smoke sifting" to prevent crew trips to controlled fires.

In Vermont, a specially built 8' X 25' house trailer was air-lifted to the top of Belvedere Mountain to replace a lookout watchman's cabin at one-half the cost of replacement by conventional methods.

Washington acquired a surplus Bell 47G-2 helicopter, for use in fire control, to partially offset the loss of a fixed-wing Beaver aircraft which was recalled by the U. S. Government. Aerial detection was extended to new areas on a cooperative interchange basis with the U. S. Forest Service.

ROCKY MOUNTAIN GROUP

Idaho, Montana, North Dakota (Northern Region):

June was an average month of "low" to "moderate" fire danger. July brought a definite drying trend to the area with buildup indexes reaching "very high" to "extreme" during the first part of August. Conditions then reversed themselves in the last half of August with precipitation accumulations that made the month one of the wettest Augusts on record in many areas. At Missoula, Montana, records show August, 1968, to have been the second wettest August in the past 83 years. Low fire danger ratings persisted over the Region throughout the fall.

Colorado, Kansas, Nebraska, South Dakota, and Wyoming (Rocky Mountain Region):

A rather typical fire season was experienced by the five Rocky Mountain Region States. The prairie States, as usual, had a high hazard period early in the spring. Kansas had 882 fires in March. Nebraska, after an extremely dry winter, had the driest March in 38 years with temperatures over 90 degrees reported by several stations.

The mountain states also had a dry spring. Mid-summer averaged below normal in fire danger. By the end of the season, the highest number of fires ever recorded had occurred in Colorado, with six times as many acres burned as in 1967.

The late season, in all states, was critical until the end of November when precipitation eased the situation.

Arizona and New Mexico (Southwestern Region):

There was abundant moisture for grass and forb production early in the year in Arizona. June was dry and exceptionally hot. Abundant flash fuel and high temperatures created extreme fire conditions. In July, summer rains brought more favorable conditions.

Extreme fire hazards prevailed in New Mexico from early April to mid-July. Increased dry lightning activity resulted in an increase in the number of lightning caused fires. The 1968 rainy season arrived about a month later than in 1967, thus adding to the increase in fire occurrences.

Nevada and Utah (Intermountain Region):

A very dry, open, winter and spring resulted in a long, severe fire season over most of Nevada. An abnormal number of days of very high and extreme fire danger were experienced in the western portion. Showers in late August

lowered the fire danger temporarily, but western Nevada had one of the driest falls on record.

Below normal spring precipitation in southern Utah resulted in early curing of vegetation and a buildup in fire danger to very high and extreme by mid-August. Fire weather was moderate in the remainder of the State during this period. Heavy rains at the lower elevations and snow at the higher elevations, in mid-August, reduced the fire danger to low levels until September throughout the State.

PACIFIC GROUP

California and Hawaii (California Region):

The main weather features of the fire season in the northern half of California were the unusually dry spring and early summer, and a very moist period during the middle of August. This pattern resulted in an early fire season with above normal severity during the first half of the season, and then a drop back to normal severity for the last half. General rains ended the season in mid-October.

The southern part of the State also had a dry spring. The August storm relieved conditions in the north, but did not reach the south. No general storm occured south of the Tehachapis which resulted in the extension of the fire season through November.

Alaska (Alaska Region):

Alaska's fire season was the most disastrous since 1957. Fire occurrences totalled 486 as compared with 241 in 1967. The fire season began early and grew more cirtical through late June and early July. Absence of normal precipitation, in this period, increased the fire danger to the extreme and dry lightning became more prevalent. As the heavy smoke pall extended over central interior Alaska, airports were closed because of decreased visibility.

Oregon and Washington (Pacific Northwest Region):

Snowpack was 50% below normal and early spring temperatures were high with low humidities. Weather was extremely dry during the first three weeks of May until rains returned the hazard to normal. West side conditions remained about normal during the next two months, but drought on the east side caused critical fire conditions by late July and early August. Dry lightning storms started numerous fires during this period and caused most of the acreage loss in Oregon.

General rains started on August 13-14, in Oregon and Washington, and continued intermittently through the rest of the summer. Although some fires did occur during this period, the fire season ended in mid-August - the earliest termination on record.

NORTH CENTRAL GROUP - (North Central Region):

The forest fire situation in the eight North Central Region States was characterized by periods of extremes, both "hot" and "easy". In general, winter snows were light, melted quickly, and occurred more than a month early. In the late spring, rains came and continued periodically throughout the summer and fall.

Michigan had one of the most explosive spring fire seasons in modern-day history as some 1,000 fires blitzed almost 15,800 acres by the end of May. After the hot, hectic months of April and May, rains fell intermittently and considerably reduced the fire threat for the balance of the season.

Minnesota had the most severe fire season since 1949. The spring season followed an extremely dry fall with deficient soil moisture and a winter of very little snow. More fires occurred during March than ever before in nearly 60 years of fire records.

In Missouri, rainfall for the first six months was slightly below normal, but rains, snows, and foggy days were well spaced and districts were able to keep on top of the fire situation.

Ohio had the greatest number of spring fires ever recorded while the number of fall fires was the least on record.

Wisconsin experienced a fire season that was unusual in many ways. An almost complete absence of snow during the winter months got the spring fire season started early. By the end of March, 935 fires had burned 12,500 acres. This compares with only 9 fires and 4 acres for the same period in 1967.

SOUTHERN GROUP - (Southern Region):

The number of fires and protected area burned, in the Southern Group of States, was closely related to weather patterns. Generally, the westernmost States enjoyed relatively "easy" burning conditions. However, most eastern States had unusually dry weather in the late winter and early spring. Some had relatively "hot" summer and fall seasons. In south Florida, a severe drought carried over from 1967 and numerous fires burned thousands of acres in the lower peninsula in the first half of 1968. After hurricane Abbey doused this area in June, drought effects were felt in the northern part of Florida. The late summer and fall drought extended into Georgia and to parts of Alabama, Mississippi, and South Carolina - where the driest February since 1905 was reported. Rainfall deficiencies in some of these areas approached the deficiencies of 1955 - 1956. Tennessee had a good year due to good distribution of rain, but both Tennessee and Kentucky ended 1968 with below normal precipitation totals. During the early spring, burning conditions were bad to severe in many parts of Kentucky. Nearly one-third of the year's fires in Virginia occurred in February when it was unusually dry.

SOUTHERN GROUP - (continued)

Fires and acres burned were below the 1967 totals, in Louisiana, due to lower than average burning potential most of the year. Oklahoma had a "wet" year and the number of fires and acres burned reflect the resulting more favorable season. Texas had a light fire season with the lowest total fire occurrences since 1957; area burned totals are the lowest on record.

EASTERN GROUP - (Eastern Region):

The weather in the twelve Eastern Region States was much the same as that reported for the North Central Group. The trend, in most States, was more fires, a greater burned acreage, and larger average size fires. Though the spring season was "hot", the "easy" summer and fall compensated somewhat.

Delaware reports the highest fire loss occurred in February - the driest month of the year with less than one inch of rainfall. September was another "busy" month and brought nearly 30% of the year's total fires.

Snow left the ground two to three weeks earlier than usual in central and northern Maine, resulting in a long period prior to vegetative development. About one-third of the year's fires occurred in April and May.

In Massachusetts, the three month period of April, May, and June was the wettest similar period in the last fifteen years. July, August, and September were very dry.

New Hampshire had a mild March with rapid snowmelt in the valleys leaving much of the ground bare by the last week of the month. Grass fires became common the last two days of March and the situation remained critical as the woods dried out. The spring fire season ended on May 11 with the arrival of the rains.

New Jersey's total number of fires was the tenth highest since record keeping was begun, but the area burned was the seventh lowest. In the spring there was no precipitation from April 1 to April 23, and the buildup index reached an average of 92 throughout the State. Late August to October 7 was extremely dry with a record number of fire occurrences in September.

The snow melted early leaving the ground bare in New York. The fire season started earlier than usual due to a very dry February and March. At least 190 fires were reported in March, which is ten times greater than normal. April, with 800 fires reported, was busier than any April on record.

EASTERN GROUP - (continued):

Pennsylvania had a very dry early spring season. During February there were 91 fires which is the highest number ever experienced in any February.

There were no extended periods of high forest fire danger in West Virginia. Light rains kept the build-up down and, generally, weather conditions were favorable to fire control. However, fire occurrence was quite high through the spring, but improved suppression forces, combined with favorable fire weather, kept the average acres burned to a low figure.

The spring weather in Rhode Island was a mixture of short period droughts, floods, and normal weather. Most of the fires and acres burned occurred in the first half of the year.

SUMMARY OF WILDFIRE STATISTICS FOR THE UNITED STATES -- CALENDAR YEAR 1968

FOR PROTECTED AND UNPROTECTED AREAS, BY STATES AND GROUPS OF STATES

GROUPS * OF STATES	OWNERSHIP 3/ 4/	FOREST AREA 1/ 2/				NUMBER OF FIRES					AREA BURNED					BURNED PORTION OF FOREST AREA	
		Needing Protection	Protected	Unprotected	Percent Protected	TOTAL	Protected Area		Unprotected Area		TOTAL	Protected Area		Unprotected Area		Protected	Unprotected
		M Acres	M Acres	M Acres	%	Number	Number	%	Number	%	Acres	Acres	%	Acres	%	%	%
UNITED STATES	Federal	650,039	650,039	---	100.00	10,027	10,027	100.00	---	---	1,204,918	1,204,918	100.00	---	---	0.19	---
	State & Private	515,000	486,461	28,539	94.46	115,344	107,689	93.36	7,655	6.64	3,027,078	1,633,414	53.96	1,393,664	46.04	0.33	4.88
	TOTAL	1,165,039	1,136,500	28,539	97.55	125,371	117,716	93.89	7,655	6.11	4,231,996	2,838,332	67.07	1,393,664	32.93	0.25	4.88
ROCKY MOUNTAIN GROUP	Federal	295,590	295,590	---	100.00	4,572	4,572	100.00	---	---	109,595	109,595	100.00	---	---	0.04	---
	State & Private	90,303	79,005	11,298	86.06	6,035	5,623	93.17	412	6.83	259,279	247,001	95.26	12,278	4.74	0.31	0.10
	TOTAL	385,893	374,595	11,298	97.07	10,607	10,195	96.12	412	3.88	368,874	356,596	96.67	12,278	3.33	0.09	0.11
PACIFIC GROUP	Federal	325,425	325,425	---	100.00	3,976	3,976	100.00	---	---	1,071,587	1,071,587	100.00	---	---	0.33	---
	State & Private	66,574	63,522	3,052	95.42	4,872	4,872	100.00	---	---	176,306	176,306	100.00	---	---	0.28	---
	TOTAL	391,999	388,947	3,052	99.22	8,848	8,848	100.00	---	---	1,247,893	1,247,893	100.00	---	---	0.32	---
NORTH CENTRAL GROUP	Federal	10,423	10,423	---	100.00	256	256	100.00	---	---	2,658	2,658	100.00	---	---	0.03	---
	State & Private	79,820	75,892	3,928	95.08	12,806	10,256	80.09	2,550	19.91	344,595	168,595	48.93	176,000	51.07	0.22	4.48
	TOTAL	90,243	86,315	3,928	95.65	13,062	10,512	80.48	2,550	19.52	347,253	171,253	49.32	176,000	50.68	0.20	4.48
SOUTHERN GROUP	Federal	16,035	16,035	---	100.00	1,153	1,153	100.00	---	---	20,773	20,773	100.00	---	---	0.13	---
	State & Private	201,785	191,524	10,261	95.01	73,550	68,857	93.62	4,693	6.38	2,161,555	956,169	44.24	1,205,386	55.76	0.49	11.75
	TOTAL	217,820	207,559	10,261	95.29	74,703	70,010	93.72	4,693	6.28	2,182,328	976,942	44.77	1,205,386	55.23	0.47	11.74
EASTERN GROUP	Federal	2,566	2,566	---	100.00	70	70	100.00	---	---	305	305	100.00	---	---	0.02	---
	State & Private	76,518	76,518	---	100.00	18,081	18,081	100.00	---	---	85,343	85,343	100.00	---	---	0.11	---
	TOTAL	79,084	79,084	---	100.00	18,151	18,151	100.00	---	---	85,648	85,648	100.00	---	---	0.11	---
STATES																	
ALABAMA	Federal	684	684	---	100.00	79	79	100.00	---	---	822	822	100.00	---	---	0.12	---
	State & Private	20,971	20,971	---	100.00	10,212	10,212	100.00	---	---	173,431	173,431	100.00	---	---	0.83	---
	TOTAL	21,655	21,655	---	100.00	10,291	10,291	100.00	---	---	174,253	174,253	100.00	---	---	0.80	---
ALASKA 5/	Federal	242,605	242,605	---	100.00	345	345	100.00	---	---	935,873	935,873	100.00	---	---	0.39	---
	State & Private	16,000	16,000	---	100.00	141	141	100.00	---	---	33,452	33,452	100.00	---	---	0.21	---
	TOTAL	258,605	258,605	---	100.00	486	486	100.00	---	---	969,325	969,325	100.00	---	---	0.37	---
ARIZONA	Federal	43,781	43,781	---	100.00	1,303	1,303	100.00	---	---	36,230	36,230	100.00	---	---	0.09	---
	State & Private	2,773	1,341	1,432	48.36	51	44	86.27	7	13.73	5,011	11	0.22	5,000	99.78	Neg.	0.35
	TOTAL	46,554	45,122	1,432	96.92	1,354	1,347	99.48	7	0.52	41,241	36,241	87.88	5,000	12.12	0.08	0.35
ARKANSAS	Federal	2,550	2,550	---	100.00	108	108	100.00	---	---	907	907	100.00	---	---	0.04	---
	State & Private	16,535	16,535	---	100.00	2,284	2,284	100.00	---	---	66,510	66,510	100.00	---	---	0.40	---
	TOTAL	19,085	19,085	---	100.00	2,392	2,392	100.00	---	---	67,417	67,417	100.00	---	---	0.35	---
CALIFORNIA	Federal	37,295	37,295	---	100.00	1,714	1,714	100.00	---	---	95,582	95,582	100.00	---	---	0.23	---
	State & Private	19,985	19,985	---	100.00	3,036	3,036	100.00	---	---	91,394	91,394	100.00	---	---	0.46	---
	TOTAL	57,280	57,280	---	100.00	4,750	4,750	100.00	---	---	186,976	186,976	100.00	---	---	0.33	---
COLORADO 6/	Federal	24,252	24,252	---	100.00	391	391	100.00	---	---	2,522	2,522	100.00	---	---	0.01	---
	State & Private	9,482	9,482	---	100.00	795	795	100.00	---	---	15,449	15,449	100.00	---	---	0.16	---
	TOTAL	33,734	33,734	---	100.00	1,186	1,186	100.00	---	---	17,971	17,971	100.00	---	---	0.05	---
CONNECTICUT	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	1,990	1,990	---	100.00	582	582	100.00	---	---	2,361	2,361	100.00	---	---	0.12	---
	TOTAL	1,990	1,990	---	100.00	582	582	100.00	---	---	2,361	2,361	100.00	---	---	0.12	---
DELAWARE	Federal	20	20	---	100.00	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	392	392	---	100.00	36	36	100.00	---	---	102	102	100.00	---	---	0.03	---
	TOTAL	412	412	---	100.00	36	36	100.00	---	---	102	102	100.00	---	---	0.02	---

* See Page 46 for list of States included in each Group.

STATES																	
FLORIDA	Federal	1,817	1,817	---	100.00	218	218	100.00	---	---	2,559	2,559	100.00	---	---	0.14	---
	State & Private	19,037	17,088	1,949	89.76	8,262	7,342	88.86	920	11.14	1,077,674	137,674	12.78	940,000	87.22	0.81	48.23
	TOTAL	20,854	18,905	1,949	90.65	8,480	7,560	89.15	920	10.85	1,080,233	140,233	12.98	940,000	87.02	0.74	48.23
GEORGIA	Federal	1,218	1,218	---	100.00	55	55	100.00	---	---	686	686	100.00	---	---	0.06	---
	State & Private	24,066	24,066	---	100.00	11,547	11,547	100.00	---	---	88,967	88,967	100.00	---	---	0.37	---
	TOTAL	25,284	25,284	---	100.00	11,602	11,602	100.00	---	---	89,653	89,653	100.00	---	---	0.35	---
HAWAII	Federal	155	155	---	100.00	1	1	100.00	---	---	211	211	100.00	---	---	0.14	---
	State & Private	1,929	1,929	---	100.00	24	24	100.00	---	---	13,325	13,325	100.00	---	---	0.69	---
	TOTAL	2,084	2,084	---	100.00	25	25	100.00	---	---	13,536	13,536	100.00	---	---	0.65	---
IDAHO	Federal	33,247	33,247	---	100.00	770	770	100.00	---	---	24,880	24,880	100.00	---	---	0.07	---
	State & Private	10,501	9,901	600	94.29	531	531	100.00	---	---	6,558	6,558	100.00	---	---	0.06	---
	TOTAL	43,748	43,148	600	98.63	1,301	1,301	100.00	---	---	31,438	31,438	100.00	---	---	0.07	---
ILLINOIS	Federal	305	305	---	100.00	16	16	100.00	---	---	351	351	100.00	---	---	0.12	---
	State & Private	3,742	3,568	174	95.35	357	307	85.99	50	14.01	8,744	7,744	88.56	1,000	11.44	0.22	0.57
	TOTAL	4,047	3,873	174	95.70	373	323	86.60	50	13.40	9,095	8,095	89.00	1,000	11.00	0.21	0.57
INDIANA	Federal	148	148	---	100.00	11	11	100.00	---	---	104	104	100.00	---	---	0.07	---
	State & Private	4,012	4,012	---	100.00	614	614	100.00	---	---	7,601	7,601	100.00	---	---	0.19	---
	TOTAL	4,160	4,160	---	100.00	625	625	100.00	---	---	7,705	7,705	100.00	---	---	0.19	---
IOWA	Federal	48	48	---	100.00	1	1	100.00	---	---	35	35	100.00	---	---	0.07	---
	State & Private	2,609	2,609	---	100.00	526	526	100.00	---	---	8,514	8,514	100.00	---	---	0.32	---
	TOTAL	2,657	2,657	---	100.00	527	527	100.00	---	---	8,549	8,549	100.00	---	---	0.32	---
KANSAS	Federal	146	146	---	100.00	6	6	100.00	---	---	254	254	100.00	---	---	0.17	---
	State & Private	12,552	12,552	---	100.00	2,638	2,638	100.00	---	---	145,800	145,800	100.00	---	---	1.16	---
	TOTAL	12,698	12,698	---	100.00	2,644	2,644	100.00	---	---	146,054	146,054	100.00	---	---	1.15	---
KENTUCKY	Federal	797	797	---	100.00	61	61	100.00	---	---	456	456	100.00	---	---	0.06	---
	State & Private	10,953	10,953	---	100.00	2,967	2,967	100.00	---	---	33,122	33,122	100.00	---	---	0.30	---
	TOTAL	11,750	11,750	---	100.00	3,028	3,028	100.00	---	---	33,578	33,578	100.00	---	---	0.29	---
LOUISIANA	Federal	704	704	---	100.00	84	84	100.00	---	---	420	420	100.00	---	---	0.06	---
	State & Private	15,288	12,239	3,049	80.06	6,996	6,396	91.42	600	8.58	99,160	79,160	79.83	20,000	20.17	0.65	0.66
	TOTAL	15,992	12,943	3,049	80.93	7,080	6,480	91.53	600	8.47	99,580	79,580	79.92	20,000	20.08	0.61	0.66
MAINE	Federal	105	105	---	100.00	4	4	100.00	---	---	3	3	100.00	---	---	Neg.	---
	State & Private	17,321	17,321	---	100.00	516	516	100.00	---	---	6,248	6,248	100.00	---	---	0.04	---
	TOTAL	17,426	17,426	---	100.00	520	520	100.00	---	---	6,251	6,251	100.00	---	---	0.04	---
MARYLAND	Federal	24	24	---	100.00	4	4	100.00	---	---	1	1	100.00	---	---	Neg.	---
	State & Private	2,855	2,855	---	100.00	678	678	100.00	---	---	1,684	1,684	100.00	---	---	0.06	---
	TOTAL	2,879	2,879	---	100.00	682	682	100.00	---	---	1,685	1,685	100.00	---	---	0.06	---
MASSACHUSETTS	Federal	20	20	---	100.00	13	13	100.00	---	---	3	3	100.00	---	---	0.02	---
	State & Private	3,252	3,252	---	100.00	8,816	8,816	100.00	---	---	10,680	10,680	100.00	---	---	0.33	---
	TOTAL	3,272	3,272	---	100.00	8,829	8,829	100.00	---	---	10,683	10,683	100.00	---	---	0.33	---
MICHIGAN	Federal	2,905	2,905	---	100.00	41	41	100.00	---	---	907	907	100.00	---	---	0.03	---
	State & Private	17,641	17,641	---	100.00	1,185	1,185	100.00	---	---	16,333	16,333	100.00	---	---	0.09	---
	TOTAL	20,546	20,546	---	100.00	1,226	1,226	100.00	---	---	17,240	17,240	100.00	---	---	0.08	---

1/ Federal land areas shown as Needing Protection and Protected are taken from Official Reports submitted by the reporting Federal Agencies.
2/ Includes 639,350 M acres protected commercial forest and 350,400 M acres nonforest watershed lands as reported by the various State and Federal Agencies.
3/ State and privately owned land areas shown as Protected are under the protection of the Clarke-McNary (C-M 2) Cooperative State and Federal Fire Control Program.
4/ Protected Federal land areas shown are under the protection of the following Federal Agencies: U. S. Forest Service; Bureau of Land Management; National Park Service; Fish and Wildlife Service; Bureau of Indian Affairs; and the Tennessee Valley Authority.
5/ Alaska acreage will vary periodically as land is selected under the Statehood Act.
6/ State and private area needing protection revised by Official State Report.

STATES*	OWNERSHIP 3/ 4/	FOREST AREA 1/ 2/				NUMBER OF FIRES					AREA BURNED					BURNED PORTION OF FOREST AREA	
		Needing Protection	Protected	Unprotected	Percent Protected	TOTAL	Protected Area		Unprotected Area		TOTAL	Protected Area		Unprotected Area		Protected	Unprotected
		M Acres	M Acres	M Acres	%	Number	Number	%	Number	%	Acres	Acres	%	Acres	%	%	%
MINNESOTA	Federal	3,664	3,664	---	100.00	40	40	100.00	---	---	356	356	100.00	---	---	0.01	---
	State & Private	17,653	17,653	---	100.00	1,214	1,214	100.00	---	---	70,341	70,341	100.00	---	---	0.40	---
	TOTAL	21,317	21,317	---	100.00	1,254	1,254	100.00	---	---	70,697	70,697	100.00	---	---	0.33	---
MISSISSIPPI	Federal	1,237	1,237	---	100.00	171	171	100.00	---	---	1,665	1,665	100.00	---	---	0.13	---
	State & Private	15,969	15,661	308	98.07	7,504	7,302	97.31	202	2.69	119,271	113,066	94.80	6,205	5.20	0.72	2.01
	TOTAL	17,206	16,898	308	98.21	7,675	7,473	97.37	202	2.63	120,936	114,731	94.87	6,205	5.13	0.68	2.01
MISSOURI	Federal	1,437	1,437	---	100.00	124	124	100.00	---	---	701	701	100.00	---	---	0.05	---
	State & Private	13,936	11,140	2,796	79.94	5,282	2,782	52.67	2,500	47.33	208,337	33,337	16.00	175,000	84.00	0.30	6.26
	TOTAL	15,373	12,577	2,796	81.81	5,406	2,906	53.76	2,500	46.24	209,038	34,038	16.28	175,000	83.72	0.27	6.26
MONTANA	Federal	32,035	32,035	---	100.00	431	431	100.00	---	---	5,079	5,079	100.00	---	---	0.02	---
	State & Private	12,527	6,285	6,242	50.17	600	300	50.00	300	50.00	8,363	4,363	52.17	4,000	47.83	0.06	0.06
	TOTAL	44,562	38,320	6,242	85.99	1,031	731	70.90	300	29.10	13,442	9,442	70.24	4,000	29.76	0.02	0.06
NEBRASKA	Federal	541	541	---	100.00	23	23	100.00	---	---	203	203	100.00	---	---	0.04	---
	State & Private	7,022	7,022	---	100.00	428	428	100.00	---	---	24,203	24,203	100.00	---	---	0.34	---
	TOTAL	7,563	7,563	---	100.00	451	451	100.00	---	---	24,406	24,406	100.00	---	---	0.32	---
NEVADA	Federal	54,912	54,912	---	100.00	254	254	100.00	---	---	8,737	8,737	100.00	---	---	0.02	---
	State & Private	5,112	2,216	2,896	43.35	259	159	61.39	100	38.61	8,190	5,140	62.76	3,050	37.24	0.23	0.10
	TOTAL	60,024	57,128	2,896	95.18	513	413	80.51	100	19.49	16,927	13,877	81.98	3,050	18.02	0.02	0.10
NEW HAMPSHIRE	Federal	679	679	---	100.00	5	5	100.00	---	---	---	---	---	---	---	---	---
	State & Private	4,339	4,339	---	100.00	560	560	100.00	---	---	720	720	100.00	---	---	0.01	---
	TOTAL	5,018	5,018	---	100.00	565	565	100.00	---	---	720	720	100.00	---	---	0.01	---
NEW JERSEY	Federal	23	23	---	100.00	7	7	100.00	---	---	63	63	100.00	---	---	0.27	---
	State & Private	2,108	2,108	---	100.00	1,748	1,748	100.00	---	---	8,564	8,564	100.00	---	---	0.41	---
	TOTAL	2,131	2,131	---	100.00	1,755	1,755	100.00	---	---	8,627	8,627	100.00	---	---	0.40	---
NEW MEXICO	Federal	30,472	30,472	---	100.00	670	670	100.00	---	---	5,597	5,597	100.00	---	---	0.02	---
	State & Private	10,201	10,201	---	100.00	95	95	100.00	---	---	15,415	15,415	100.00	---	---	0.15	---
	TOTAL	40,673	40,673	---	100.00	765	765	100.00	---	---	21,012	21,012	100.00	---	---	0.05	---
NEW YORK	Federal	35	35	---	100.00	3	3	100.00	---	---	48	48	100.00	---	---	0.14	---
	State & Private	12,621	12,621	---	100.00	1,458	1,458	100.00	---	---	11,413	11,413	100.00	---	---	0.09	---
	TOTAL	12,656	12,656	---	100.00	1,461	1,461	100.00	---	---	11,461	11,461	100.00	---	---	0.09	---
NORTH CAROLINA	Federal	1,551	1,551	---	100.00	92	92	100.00	---	---	5,880	5,880	100.00	---	---	0.38	---
	State & Private	18,723	17,820	903	95.17	8,158	6,372	78.11	1,786	21.89	98,863	80,656	81.58	18,207	18.42	0.45	2.02
	TOTAL	20,274	19,371	903	95.55	8,250	6,464	78.35	1,786	21.65	104,743	86,536	82.62	18,207	17.38	0.45	2.02
NORTH DAKOTA	Federal	2,199	2,199	---	100.00	54	54	100.00	---	---	3,582	3,582	100.00	---	---	0.16	---
	State & Private	356	228	128	64.04	11	6	54.55	5	45.45	590	362	61.36	228	38.64	0.16	0.18
	TOTAL	2,555	2,427	128	94.99	65	60	92.31	5	7.69	4,172	3,944	94.53	228	5.47	0.16	0.18
OHIO	Federal	138	138	---	100.00	13	13	100.00	---	---	53	53	100.00	---	---	0.04	---
	State & Private	4,963	4,005	958	80.70	1,265	1,265	100.00	---	---	5,793	5,793	100.00	---	---	0.14	---
	TOTAL	5,101	4,143	958	81.22	1,278	1,278	100.00	---	---	5,846	5,846	100.00	---	---	0.14	---
OKLAHOMA	Federal	375	375	---	100.00	29	29	100.00	---	---	168	168	100.00	---	---	0.04	---
	State & Private	8,072	4,325	3,747	53.58	1,676	576	34.37	1,100	65.63	251,283	31,283	12.45	220,000	87.55	0.72	5.87
	TOTAL	8,447	4,700	3,747	55.64	1,705	605	35.48	1,100	64.52	251,451	31,451	12.51	220,000	87.49	0.67	5.87

* See Page 46 for list of States included in each Group.

STATES																	
OREGON	Federal	32,089	32,089	---	100.00	1,552	1,552	100.00	---	---	21,915	21,915	100.00	---	---	0.07	---
	State & Private	16,151	13,099	3,052	81.10	811	811	100.00	---	---	13,675	13,675	100.00	---	---	0.10	---
	TOTAL	48,240	45,188	3,052	93.67	2,363	2,363	100.00	---	---	35,590	35,590	100.00	---	---	0.08	---
PENNSYLVANIA	Federal	492	492	---	100.00	12	12	100.00	---	---	37	37	100.00	---	---	0.01	---
	State & Private	16,560	16,560	---	100.00	1,454	1,454	100.00	---	---	13,039	13,039	100.00	---	---	0.08	---
	TOTAL	17,052	17,052	---	100.00	1,466	1,466	100.00	---	---	13,076	13,076	100.00	---	---	0.08	---
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	434	434	---	100.00	416	416	100.00	---	---	2,069	2,069	100.00	---	---	0.48	---
	TOTAL	434	434	---	100.00	416	416	100.00	---	---	2,069	2,069	100.00	---	---	0.48	---
SOUTH CAROLINA	Federal	650	650	---	100.00	91	91	100.00	---	---	1,954	1,954	100.00	---	---	0.30	---
	State & Private	12,050	12,050	---	100.00	6,713	6,713	100.00	---	---	111,821	111,821	100.00	---	---	0.93	---
	TOTAL	12,700	12,700	---	100.00	6,804	6,804	100.00	---	---	113,775	113,775	100.00	---	---	0.90	---
SOUTH DAKOTA	Federal	7,572	7,572	---	100.00	193	193	100.00	---	---	9,999	9,999	100.00	---	---	0.14	---
	State & Private	3,960	3,960	---	100.00	90	90	100.00	---	---	4,468	4,468	100.00	---	---	0.11	---
	TOTAL	11,532	11,532	---	100.00	283	283	100.00	---	---	14,467	14,467	100.00	---	---	0.13	---
TENNESSEE	Federal	985	985	---	100.00	73	73	100.00	---	---	332	332	100.00	---	---	0.03	---
	State & Private	12,797	12,492	305	97.62	3,576	3,491	97.62	85	2.38	21,285	20,311	95.42	974	4.58	0.16	0.32
	TOTAL	13,782	13,477	305	97.79	3,649	3,564	97.67	85	2.33	21,617	20,643	95.49	974	4.51	0.15	0.32
TEXAS 6/	Federal	1,698	1,698	---	100.00	35	35	100.00	---	---	4,434	4,434	100.00	---	---	0.26	---
	State & Private	12,906	12,906	---	100.00	933	933	100.00	---	---	9,920	9,920	100.00	---	---	0.08	---
	TOTAL	14,604	14,604	---	100.00	968	968	100.00	---	---	14,354	14,354	100.00	---	---	0.10	---
UTAH	Federal	35,797	35,797	---	100.00	314	314	100.00	---	---	9,961	9,961	100.00	---	---	0.03	---
	State & Private	9,006	9,006	---	100.00	405	405	100.00	---	---	13,110	13,110	100.00	---	---	0.15	---
	TOTAL	44,803	44,803	---	100.00	719	719	100.00	---	---	23,071	23,071	100.00	---	---	0.05	---
VERMONT	Federal	244	244	---	100.00	3	3	100.00	---	---	1	1	100.00	---	---	Neg.	---
	State & Private	4,084	4,084	---	100.00	210	210	100.00	---	---	714	714	100.00	---	---	0.02	---
	TOTAL	4,328	4,328	---	100.00	213	213	100.00	---	---	715	715	100.00	---	---	0.02	---
VIRGINIA	Federal	1,769	1,769	---	100.00	57	57	100.00	---	---	490	490	100.00	---	---	0.03	---
	State & Private	14,418	14,418	---	100.00	2,722	2,722	100.00	---	---	10,248	10,248	100.00	---	---	0.07	---
	TOTAL	16,187	16,187	---	100.00	2,779	2,779	100.00	---	---	10,738	10,738	100.00	---	---	0.07	---
WASHINGTON	Federal	13,281	13,281	---	100.00	364	364	100.00	---	---	18,006	18,006	100.00	---	---	0.14	---
	State & Private	12,509	12,509	---	100.00	860	860	100.00	---	---	24,460	24,460	100.00	---	---	0.19	---
	TOTAL	25,790	25,790	---	100.00	1,224	1,224	100.00	---	---	42,466	42,466	100.00	---	---	0.17	---
WEST VIRGINIA	Federal	924	924	---	100.00	19	19	100.00	---	---	149	149	100.00	---	---	0.02	---
	State & Private	10,562	10,562	---	100.00	1,607	1,607	100.00	---	---	27,749	27,749	100.00	---	---	0.26	---
	TOTAL	11,486	11,486	---	100.00	1,626	1,626	100.00	---	---	27,898	27,898	100.00	---	---	0.24	---
WISCONSIN	Federal	1,778	1,778	---	100.00	10	10	100.00	---	---	151	151	100.00	---	---	0.01	---
	State & Private	15,264	15,264	---	100.00	2,363	2,363	100.00	---	---	18,932	18,932	100.00	---	---	0.12	---
	TOTAL	17,042	17,042	---	100.00	2,373	2,373	100.00	---	---	19,083	19,083	100.00	---	---	0.11	---
WYOMING	Federal	30,636	30,636	---	100.00	163	163	100.00	---	---	2,551	2,551	100.00	---	---	0.01	---
	State & Private	6,811	6,811	---	100.00	132	132	100.00	---	---	12,122	12,122	100.00	---	---	0.18	---
	TOTAL	37,447	37,447	---	100.00	295	295	100.00	---	---	14,673	14,673	100.00	---	---	0.04	---

1/ Federal land areas shown as Needing Protection and Protected are taken from Official Reports submitted by the reporting Federal Agencies.
2/ Includes 639,350 M acres protected commercial forest and 350,400 M acres nonforest watershed lands as reported by the various State and Federal Agencies.
3/ State and privately owned land areas shown as Protected are under the protection of the Clarke-McNary (C-M 2) Cooperative State and Federal Fire Control Program.
4/ Protected Federal land areas shown are under the protection of the following Federal Agencies: U. S. Forest Service; Bureau of Land Management; National Park Service; Fish and Wildlife Service; Bureau of Indian Affairs; and the Tennessee Valley Authority.
6/ State and private area needing protection revised by Official State Report.

NUMBER OF WILDFIRES IN THE UNITED STATES BY CAUSE AND RESPONSIBILITY CLASS

CALENDAR YEAR 1968 - ON PROTECTED AREAS ONLY

- BY STATES AND GROUPS OF STATES -

GROUPS * OF STATES	OWNERSHIP	NUMBER OF FIRES - BY CAUSES**										1/Owner Responsibility		2/ Railroad Fires	
		Lightning	Campfires	Smoking	Debris Burning	Incendiary	Machine Use	Miscellaneous	TOTAL	Man-Caused	% Man-Caused	No.	%	No.	%
UNITED STATES	Federal	5,810	812	953	607	681	391	773	10,027	4,217	42.06	---	---	153	1.53
	State & Private	3,256	2,174	16,209	30,585	31,736	7,991	15,738	107,689	104,433	96.98	21,961	20.39	6,192	5.75
	TOTAL	9,066	2,986	17,162	31,192	32,417	8,382	16,511	117,716	108,650	92.30	21,961	18.66	6,345	5.39
ROCKY MOUNTAIN GROUP	Federal	3,209	307	289	278	61	120	308	4,572	1,363	29.81	---	---	71	1.55
	State & Private	845	156	390	1,542	219	979	1,492	5,623	4,778	84.97	1,787	31.78	799	14.21
	TOTAL	4,054	463	679	1,820	280	1,099	1,800	10,195	6,141	60.24	1,787	17.53	870	8.53
PACIFIC GROUP	Federal	2,456	427	353	203	122	181	234	3,976	1,520	38.23	---	---	51	1.28
	State & Private	833	281	755	666	520	669	1,148	4,872	4,039	82.90	1,057	21.70	386	7.93
	TOTAL	3,289	708	1,108	869	642	850	1,382	8,848	5,559	62.83	1,057	11.95	437	4.94
NORTH CENTRAL GROUP	Federal	10	16	38	22	98	8	64	256	246	96.09	---	---	4	1.56
	State & Private	45	188	1,258	4,272	1,752	1,501	1,240	10,256	10,211	99.56	4,262	41.56	1,276	12.44
	TOTAL	55	204	1,296	4,294	1,850	1,509	1,304	10,512	10,457	99.48	4,262	40.54	1,280	12.18
SOUTHERN GROUP	Federal	135	58	250	98	379	76	157	1,153	1,018	88.29	---	---	26	2.25
	State & Private	1,334	1,189	11,440	19,579	26,494	3,724	5,097	68,857	67,523	98.06	12,379	17.98	2,696	3.92
	TOTAL	1,469	1,247	11,690	19,677	26,873	3,800	5,254	70,010	68,541	97.90	12,379	17.68	2,722	3.89
EASTERN GROUP	Federal	---	4	23	6	21	6	10	70	70	100.00	---	---	1	1.43
	State & Private	199	360	2,366	4,526	2,751	1,118	6,761	18,081	17,882	98.90	2,476	13.69	1,035	5.72
	TOTAL	199	364	2,389	4,532	2,772	1,124	6,771	18,151	17,952	98.90	2,476	13.64	1,036	5.71
STATES															
ALABAMA	Federal	6	5	20	11	25	5	7	79	73	92.41	---	---	---	---
	State & Private	94	185	2,234	2,923	3,537	548	691	10,212	10,118	99.08	2,137	20.93	430	4.21
	TOTAL	100	190	2,254	2,934	3,562	553	698	10,291	10,191	99.03	2,137	20.77	430	4.18
ALASKA	Federal	251	49	11	15	3	5	11	345	94	27.25	---	---	1	0.29
	State & Private	15	30	18	69	3	1	5	141	126	89.36	60	42.55	---	---
	TOTAL	266	79	29	84	6	6	16	486	220	45.27	60	12.35	1	0.21
ARIZONA	Federal	984	91	77	27	25	15	84	1,303	319	24.48	---	---	3	0.23
	State & Private	18	7	10	3	1	---	5	44	26	59.09	15	34.09	---	---
	TOTAL	1,002	98	87	30	26	15	89	1,347	345	25.61	15	1.11	3	0.22
ARKANSAS	Federal	8	3	6	4	65	3	19	108	100	92.59	---	---	---	---
	State & Private	9	57	434	439	1,046	20	279	2,284	2,275	99.61	189	8.27	126	5.52
	TOTAL	17	60	440	443	1,111	23	298	2,392	2,375	99.29	189	7.90	126	5.27
CALIFORNIA	Federal	939	149	209	64	101	96	156	1,714	775	45.22	---	---	23	1.34
	State & Private	468	110	486	314	457	391	810	3,036	2,568	84.58	345	11.36	153	5.04
	TOTAL	1,407	259	695	378	558	487	966	4,750	3,343	70.38	345	7.26	176	3.71
COLORADO	Federal	216	62	40	12	9	23	29	391	175	44.76	---	---	21	5.37
	State & Private	82	33	80	272	26	84	218	795	713	89.69	349	43.90	75	9.43
	TOTAL	298	95	120	284	35	107	247	1,186	888	74.87	349	29.43	96	8.09
CONNECTICUT	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	---	35	76	138	170	41	122	582	582	100.00	137	23.54	39	6.70
	TOTAL	---	35	76	138	170	41	122	582	582	100.00	137	23.54	39	6.70
DELAWARE	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	---	---	5	14	1	3	13	36	36	100.00	10	27.78	---	---
	TOTAL	---	---	5	14	1	3	13	36	36	100.00	10	27.78	---	---

* See Page 46 for list of States included in each group.

** See Page 47 for General Fire Cause definitions.

STATES														
FLORIDA	Federal	76	4	62	7	31	18	20	218	142	65.14	---	---	2	0.92
	State & Private	678	176	1,447	1,878	2,527	436	200	7,342	6,664	90.77	467	6.36	228	3.10
	TOTAL	754	180	1,509	1,885	2,558	454	220	7,560	6,806	90.03	467	6.18	230	3.04
GEORGIA	Federal	5	7	11	10	4	3	15	55	50	90.91	---	---	1	1.82
	State & Private	386	192	2,236	4,229	2,735	860	909	11,547	11,161	96.66	2,486	21.53	625	5.41
	TOTAL	391	199	2,247	4,239	2,739	863	924	11,602	11,211	96.63	2,486	21.43	626	5.40
HAWAII	Federal	---	---	---	---	---	---	1	1	1	100.00	---	---	---	---
	State & Private	---	---	4	12	---	---	8	24	24	100.00	5	20.83	---	---
	TOTAL	---	---	4	12	---	---	9	25	25	100.00	5	20.00	---	---
IDAHO	Federal	615	29	29	34	5	20	38	770	155	20.13	---	---	6	0.78
	State & Private	189	30	44	54	14	77	123	531	342	64.41	107	20.15	76	14.31
	TOTAL	804	59	73	88	19	97	161	1,301	497	38.20	107	8.22	82	5.84
ILLINOIS	Federal	---	1	5	1	6	1	2	16	16	100.00	---	---	---	---
	State & Private	---	2	23	145	61	32	44	307	307	100.00	87	28.34	30	9.77
	TOTAL	---	3	28	146	67	33	46	323	323	100.00	87	26.94	30	9.29
INDIANA	Federal	---	---	2	2	7	---	---	11	11	100.00	---	---	---	---
	State & Private	---	9	25	406	20	44	110	614	614	100.00	443	72.14	---	---
	TOTAL	---	9	27	408	27	44	110	625	625	100.00	443	70.88	---	---
IOWA	Federal	---	---	---	---	---	---	1	1	1	100.00	---	---	---	---
	State & Private	1	2	130	249	1	71	72	526	525	99.81	241	45.82	53	10.08
	TOTAL	1	2	130	249	1	71	73	527	526	99.81	241	45.73	53	10.06
KANSAS	Federal	1	1	1	1	---	1	1	6	5	83.33	---	---	---	---
	State & Private	130	26	149	922	115	535	761	2,638	2,508	95.08	922	34.95	341	12.93
	TOTAL	131	27	150	923	115	536	762	2,644	2,513	95.05	922	34.87	341	12.90
KENTUCKY	Federal	1	3	17	2	22	6	10	61	60	98.36	---	---	5	8.20
	State & Private	---	127	578	1,019	573	106	564	2,967	2,967	100.00	327	11.02	78	2.63
	TOTAL	1	130	595	1,021	595	112	574	3,028	3,027	99.97	327	10.80	83	2.74
LOUISIANA	Federal	---	7	8	4	54	3	8	84	84	100.00	---	---	3	3.57
	State & Private	8	40	296	481	5,449	85	37	6,396	6,388	99.87	82	1.28	51	0.80
	TOTAL	8	47	304	485	5,503	88	45	6,480	6,472	99.88	82	1.27	54	0.83
MAINE	Federal	---	---	2	---	---	1	1	4	4	100.00	---	---	---	---
	State & Private	115	27	84	118	32	17	123	516	401	77.71	137	26.55	15	2.91
	TOTAL	115	27	86	118	32	18	124	520	405	77.88	137	26.35	15	2.88
MARYLAND	Federal	---	2	2	---	---	---	---	4	4	100.00	---	---	---	---
	State & Private	1	16	158	161	132	47	163	678	677	99.85	117	17.26	39	5.75
	TOTAL	1	18	160	161	132	47	163	682	681	99.85	117	17.16	39	5.72
MASSACHUSETTS	Federal	---	1	8	1	1	---	2	13	13	100.00	---	---	---	---
	State & Private	9	44	406	2,279	850	374	4,854	8,816	8,807	99.90	297	3.37	374	4.24
	TOTAL	9	45	414	2,280	851	374	4,856	8,829	8,820	99.90	297	3.36	374	4.24
MICHIGAN	Federal	2	2	11	5	3	5	13	41	39	95.12	---	---	4	9.75
	State & Private	10	54	207	462	98	125	229	1,185	1,175	99.16	504	42.53	108	9.11
	TOTAL	12	56	218	467	101	130	242	1,226	1,214	99.02	504	41.11	112	9.14

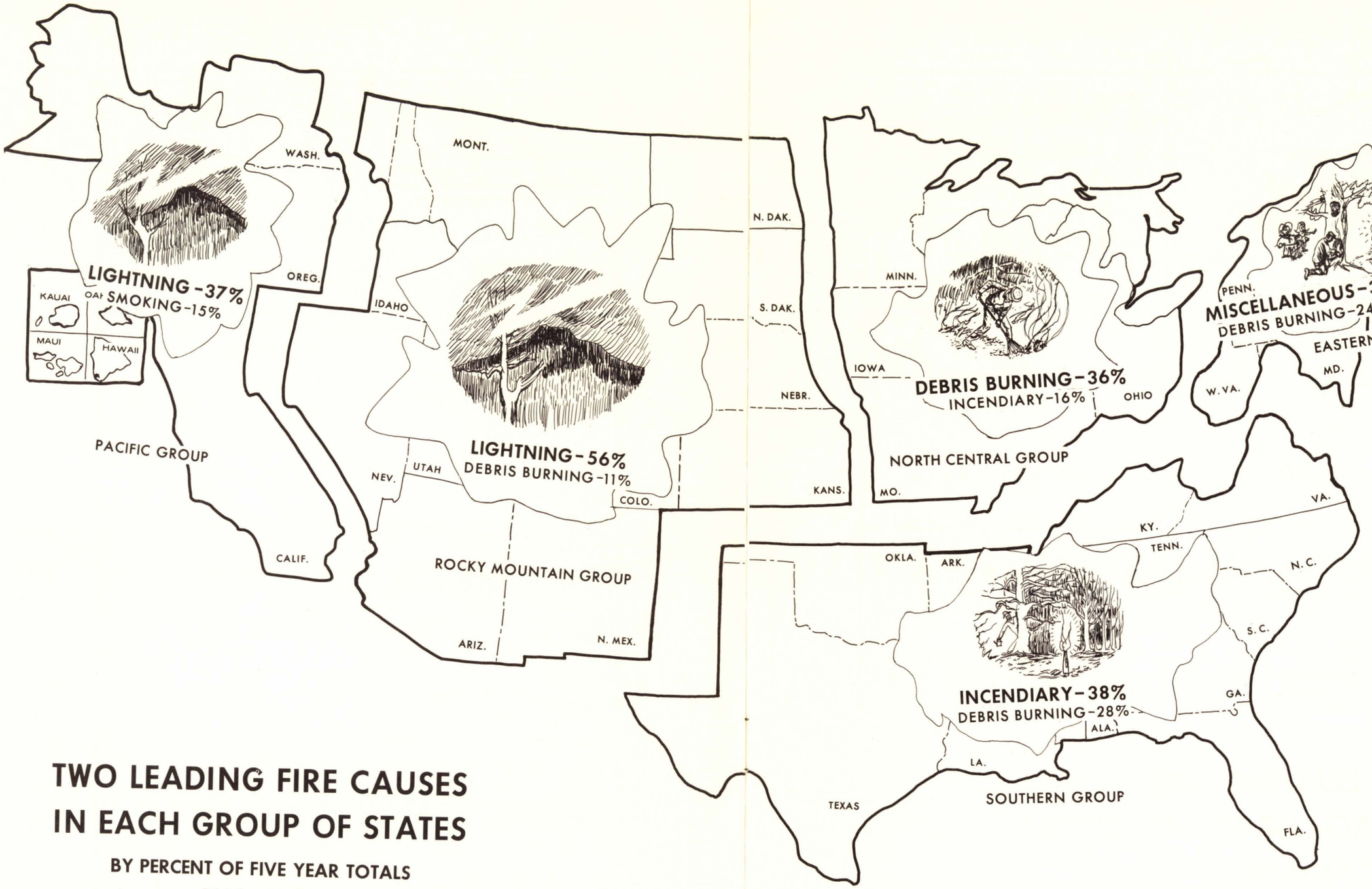
1/ On State & Private lands only.
2/ Railroad fires are included in number of fires by other causes.

GROUPS* OF STATES	OWNERSHIP	NUMBER OF FIRES - BY CAUSES**													
		Lighting	Campfires	Smoking	Debris Burning	Incendiary	Machine Use	Miscellaneous	TOTAL	Man-Caused	% Man-Caused	1/ Owner Responsibility		2/ Railroad Fires	
												No.	%	No.	%
STATES															
MINNESOTA	Federal	5	5	4	8	7	---	11	40	35	87.50	---	---	---	---
	State & Private	5	30	108	533	350	128	60	1,214	1,209	99.59	493	40.61	85	7.00
	TOTAL	10	35	112	541	357	128	71	1,254	1,244	99.20	493	39.31	85	6.78
MISSISSIPPI	Federal	9	3	38	20	66	12	23	171	162	94.74	---	---	4	2.34
	State & Private	14	42	398	1,535	4,952	170	191	7,302	7,288	99.81	1,151	15.76	132	1.81
	TOTAL	23	45	436	1,555	5,018	182	214	7,473	7,450	99.69	1,151	15.40	136	1.82
MISSOURI	Federal	3	7	11	4	64	1	34	124	121	97.58	---	---	---	---
	State & Private	7	35	146	1,323	824	226	221	2,782	2,775	99.75	1,280	46.01	194	6.97
	TOTAL	10	42	157	1,327	888	227	255	2,906	2,896	99.65	1,280	44.05	194	6.68
MONTANA	Federal	270	21	27	41	4	34	34	431	161	37.35	---	---	26	6.03
	State & Private	107	17	20	46	2	75	33	300	193	64.33	21	7.00	68	22.67
	TOTAL	377	38	47	87	6	109	67	731	354	48.43	21	2.87	94	12.85
NEBRASKA	Federal	7	---	2	7	---	1	6	23	16	69.56	---	---	1	4.34
	State & Private	38	1	27	142	11	36	173	428	390	91.12	178	41.59	103	24.07
	TOTAL	45	1	29	149	11	37	179	451	406	90.02	178	39.47	104	23.06
NEVADA	Federal	196	19	11	15	3	3	7	254	58	22.83	---	---	2	0.79
	State & Private	29	14	14	10	8	48	36	159	130	81.76	54	33.96	27	16.98
	TOTAL	225	33	25	25	11	51	43	413	188	45.52	54	13.08	29	7.02
NEW HAMPSHIRE	Federal	---	---	5	---	---	---	---	5	5	100.00	---	---	---	---
	State & Private	15	19	114	141	57	54	160	560	545	97.32	216	38.57	41	7.32
	TOTAL	15	19	119	141	57	54	160	565	550	97.35	216	38.23	41	7.26
NEW JERSEY	Federal	---	---	2	---	3	---	2	7	7	100.00	---	---	---	---
	State & Private	4	73	864	82	424	24	277	1,748	1,744	99.77	118	6.75	24	1.37
	TOTAL	4	73	866	82	427	24	279	1,755	1,751	99.77	118	6.72	24	1.37
NEW MEXICO	Federal	549	42	28	23	2	3	23	670	121	18.06	---	---	---	---
	State & Private	66	8	7	6	3	3	2	95	29	30.53	4	4.21	1	1.05
	TOTAL	615	50	35	29	5	6	25	765	150	19.61	4	0.52	1	0.13
NEW YORK	Federal	---	---	1	---	2	---	---	3	3	100.00	---	---	---	---
	State & Private	18	38	270	554	118	96	364	1,458	1,440	98.77	638	43.76	84	5.76
	TOTAL	18	38	271	554	120	96	364	1,461	1,443	98.77	638	43.67	84	5.75
NORTH CAROLINA	Federal	3	8	22	15	24	8	12	92	89	96.74	---	---	6	6.52
	State & Private	38	82	1,173	2,374	1,382	544	779	6,372	6,334	99.40	2,277	35.73	324	5.08
	TOTAL	41	90	1,195	2,389	1,406	552	791	6,464	6,423	99.37	2,277	35.23	330	5.11
NORTH DAKOTA	Federal	6	1	11	20	1	4	11	54	48	88.89	---	---	9	16.67
	State & Private	---	---	---	6	---	---	---	6	6	100.00	5	83.33	---	---
	TOTAL	6	1	11	26	1	4	11	60	54	90.00	5	8.33	9	15.00
OHIO	Federal	---	1	2	1	7	---	2	13	13	100.00	---	---	---	---
	State & Private	3	25	304	564	136	92	141	1,265	1,262	99.76	602	47.59	81	6.40
	TOTAL	3	26	306	565	143	92	143	1,278	1,275	99.77	602	47.11	81	6.34
OKLAHOMA	Federal	6	1	8	5	7	---	2	29	23	79.31	---	---	---	---
	State & Private	2	8	32	127	356	9	42	576	574	99.65	73	12.67	7	1.22
	TOTAL	8	9	40	132	363	9	44	605	597	98.68	73	12.07	7	1.16

* See Page 46 for list of States in each group.
** See Page 47 for General Fire Cause definitions.

STATES														
OREGON	Federal	1,136	137	92	87	6	53	41	1,552	416	26.80	---	---	21	1.35
	State & Private	266	69	117	111	19	105	124	811	545	67.20	282	34.77	71	8.75
	TOTAL	1,402	206	209	198	25	158	165	2,363	961	40.67	282	11.93	92	3.89
PENNSYLVANIA	Federal	---	1	1	2	2	3	3	12	12	100.00	---	---	1	8.33
	State & Private	21	74	175	353	383	225	223	1,454	1,433	98.56	189	13.00	211	14.51
	TOTAL	21	75	176	355	385	228	226	1,466	1,445	98.57	189	12.89	212	14.46
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	---	---	22	89	129	28	148	416	416	100.00	92	22.12	16	3.85
	TOTAL	---	---	22	89	129	28	148	416	416	100.00	92	22.12	16	3.85
SOUTH CAROLINA	Federal	2	4	23	10	38	4	10	91	89	97.80	---	---	2	2.20
	State & Private	61	104	1,542	1,813	2,343	358	492	6,713	6,652	99.09	720	10.73	225	3.35
	TOTAL	63	108	1,565	1,823	2,381	362	502	6,804	6,741	99.07	720	10.58	227	3.34
SOUTH DAKOTA	Federal	38	2	18	79	7	6	43	193	155	80.31	---	---	---	---
	State & Private	27	---	---	11	1	30	21	90	63	70.00	40	44.44	27	30.00
	TOTAL	65	2	18	90	8	36	64	283	218	77.03	40	14.13	27	9.54
TENNESSEE	Federal	4	5	12	4	31	10	7	73	69	94.52	---	---	2	2.74
	State & Private	12	75	346	1,438	1,121	196	303	3,491	3,479	99.66	1,023	15.24	157	2.34
	TOTAL	16	80	358	1,442	1,152	206	310	3,564	3,548	99.55	1,023	28.70	159	4.46
TEXAS	Federal	6	1	7	5	4	---	12	35	29	82.86	---	---	---	---
	State & Private	3	55	161	383	218	44	69	933	930	99.68	345	36.98	30	3.22
	TOTAL	9	56	168	388	222	44	81	968	959	99.07	345	35.64	30	3.10
UTAH	Federal	236	16	29	4	3	10	16	314	78	---	---	---	2	0.64
	State & Private	82	15	34	56	36	68	114	405	323	79.75	66	16.30	64	15.80
	TOTAL	318	31	63	60	39	78	130	719	401	55.77	66	9.18	66	9.18
VERMONT	Federal	---	---	---	2	1	---	---	3	3	100.00	---	---	---	---
	State & Private	3	8	37	93	12	5	52	210	207	98.57	110	52.38	1	0.48
	TOTAL	3	8	37	95	13	5	52	213	210	98.59	110	51.64	1	0.47
VIRGINIA	Federal	9	7	16	1	8	4	12	57	48	84.21	---	---	1	1.75
	State & Private	29	46	563	940	255	348	541	2,722	2,693	98.93	1,102	40.48	283	10.40
	TOTAL	38	53	579	941	263	352	553	2,779	2,741	98.63	1,102	39.65	284	10.22
WASHINGTON	Federal	130	92	41	37	12	27	25	364	234	64.29	---	---	6	1.65
	State & Private	84	72	130	160	41	172	201	860	776	90.23	365	42.44	162	18.84
	TOTAL	214	164	171	197	53	199	226	1,224	1,010	82.52	365	29.82	168	13.72
WEST VIRGINIA	Federal	---	---	2	1	12	2	2	19	19	100.00	---	---	---	---
	State & Private	13	26	155	504	443	204	262	1,607	1,594	99.19	415	25.82	191	11.89
	TOTAL	13	26	157	505	455	206	264	1,626	1,613	99.20	415	25.52	191	11.75
WISCONSIN	Federal	---	---	3	1	4	1	1	10	10	100.00	---	---	---	---
	State & Private	19	31	315	590	262	783	363	2,363	2,344	99.20	612	25.90	725	30.68
	TOTAL	19	31	318	591	266	784	364	2,373	2,354	99.20	612	25.79	725	30.55
WYOMING	Federal	91	23	16	15	2	---	16	163	72	44.17	---	---	1	0.61
	State & Private	77	5	5	14	2	23	6	132	55	41.67	26	19.70	17	12.88
	TOTAL	168	28	21	29	4	23	22	295	127	43.05	26	8.81	18	6.10

1/ On State & Private lands only.
2/ Railroad fires are included in number of fires by other causes.



TWO LEADING FIRE CAUSES IN EACH GROUP OF STATES

BY PERCENT OF FIVE YEAR TOTALS

1963 - 1967

NUMBER OF WILDFIRES IN THE UNITED STATES BY AREA TYPES - CALENDAR YEAR 1968

PROTECTED AREA ONLY - BY STATES AND GROUPS OF STATES

GROUPS* OF STATES	OWNERSHIP	NUMBER OF FIRES BY AREA TYPES**						GRAND TOTAL
		Commercial Forest	Non-Commercial Forest	TOTAL FOREST	Percent of Total Number Fires	TOTAL NONFORESTED WATERSHED	Percent of Total Number Fires	
UNITED STATES	Federal	5,267	3,204	8,471	84.48	1,556	15.52	10,027
	State & Private	82,563	6,760	89,323	82.95	18,366	17.05	107,689
	TOTAL	87,830	9,964	97,794	83.08	19,922	16.92	117,716
ROCKY MOUNTAIN GROUP	Federal	2,061	1,655	3,716	81.28	856	18.72	4,572
	State & Private	743	199	942	16.75	4,681	83.25	5,623
	TOTAL	2,804	1,854	4,658	45.69	5,537	54.31	10,195
PACIFIC GROUP	Federal	2,100	1,228	3,328	83.70	648	16.30	3,976
	State & Private	1,288	310	1,598	32.80	3,274	67.20	4,872
	TOTAL	3,388	1,538	4,926	55.67	3,922	44.33	8,848
NORTH CENTRAL GROUP	Federal	213	35	248	96.88	8	3.12	256
	State & Private	4,511	405	4,916	47.93	5,340	52.07	10,256
	TOTAL	4,724	440	5,164	49.12	5,348	50.88	10,512
SOUTHERN GROUP	Federal	865	245	1,110	96.27	43	3.73	1,153
	State & Private	66,112	643	66,755	96.95	2,102	3.05	68,857
	TOTAL	66,977	888	67,865	96.94	2,145	3.06	70,010
EASTERN GROUP	Federal	28	41	69	98.57	1	1.43	70
	State & Private	9,909	5,203	15,112	83.58	2,969	16.42	18,081
	TOTAL	9,937	5,244	15,181	83.64	2,970	16.36	18,151
ALABAMA	Federal	70	9	79	100.00	---	---	79
	State & Private	9,559	5	9,564	93.65	648	6.35	10,212
	TOTAL	9,629	14	9,643	93.70	648	6.30	10,291
ALASKA	Federal	138	84	222	64.35	123	35.65	345
	State & Private	21	14	35	24.82	106	75.18	141
	TOTAL	159	98	257	52.88	229	47.12	486
ARIZONA	Federal	770	477	1,247	95.70	56	4.30	1,303
	State & Private	40	1	41	93.18	3	6.82	44
	TOTAL	810	478	1,288	95.62	59	4.38	1,347
ARKANSAS	Federal	100	8	108	100.00	---	---	108
	State & Private	2,193	8	2,201	96.37	83	3.63	2,284
	TOTAL	2,293	16	2,309	96.53	83	3.47	2,392
CALIFORNIA	Federal	695	813	1,508	87.98	206	12.02	1,714
	State & Private	463	132	595	19.60	2,441	80.40	3,036
	TOTAL	1,158	945	2,103	44.27	2,647	55.73	4,750
COLORADO	Federal	149	161	310	79.28	81	20.72	391
	State & Private	112	50	162	20.38	633	79.62	795
	TOTAL	261	211	472	39.80	714	60.20	1,186
CONNECTICUT	Federal	---	---	---	---	---	---	---
	State & Private	436	---	436	74.91	146	25.09	582
	TOTAL	436	---	436	74.91	146	25.09	582
DELAWARE	Federal	---	---	---	---	---	---	---
	State & Private	36	---	36	100.00	---	---	36
	TOTAL	36	---	36	100.00	---	---	36

STATES								
FLORIDA	Federal	162	39	201	92.20	17	7.80	218
	State & Private	7,248	61	7,309	99.55	33	0.45	7,342
	TOTAL	7,410	100	7,510	99.34	50	0.66	7,560
GEORGIA	Federal	44	10	54	98.18	1	1.82	55
	State & Private	11,547	---	11,547	100.00	---	---	11,547
	TOTAL	11,591	10	11,601	99.99	1	0.01	11,602
HAWAII	Federal	---	1	1	100.00	---	---	1
	State & Private	2	9	11	45.83	13	54.17	24
	TOTAL	2	10	12	48.00	13	52.00	25
IDAHO	Federal	479	196	675	87.66	95	12.34	770
	State & Private	211	54	265	49.91	266	50.09	531
	TOTAL	690	250	940	72.25	361	27.75	1,301
ILLINOIS	Federal	14	2	16	100.00	---	---	16
	State & Private	158	---	158	51.47	149	48.53	307
	TOTAL	172	2	174	53.87	149	46.13	323
INDIANA	Federal	10	1	11	100.00	---	---	11
	State & Private	79	62	141	22.96	473	77.04	614
	TOTAL	89	63	152	24.32	473	75.68	625
IOWA	Federal	---	---	---	---	1	100.00	1
	State & Private	21	27	48	9.13	478	90.87	526
	TOTAL	21	27	48	9.11	479	90.89	527
KANSAS	Federal	1	3	4	66.66	2	33.34	6
	State & Private	40	---	40	1.52	2,598	98.48	2,638
	TOTAL	41	3	44	1.67	2,600	98.33	2,644
KENTUCKY	Federal	53	8	61	100.00	---	---	61
	State & Private	2,967	---	2,967	100.00	---	---	2,967
	TOTAL	3,020	8	3,028	100.00	---	---	3,028
LOUISIANA	Federal	77	7	84	100.00	---	---	84
	State & Private	6,396	---	6,396	100.00	---	---	6,396
	TOTAL	6,473	7	6,480	100.00	---	---	6,480
MAINE	Federal	---	4	4	100.00	---	---	4
	State & Private	400	25	425	82.36	91	17.64	516
	TOTAL	400	29	429	82.50	91	17.50	520
MARYLAND	Federal	---	4	4	100.00	---	---	4
	State & Private	529	113	642	94.69	36	5.31	678
	TOTAL	529	117	646	94.72	36	5.28	682
MASSACHUSETTS	Federal	---	13	13	100.00	---	---	13
	State & Private	1,889	4,700	6,589	74.74	2,227	25.26	8,816
	TOTAL	1,889	4,713	6,602	74.78	2,227	25.22	8,829
MICHIGAN	Federal	30	11	41	100.00	---	---	41
	State & Private	1,125	41	1,166	98.40	19	1.60	1,185
	TOTAL	1,155	52	1,207	98.45	19	1.55	1,226

* See Page 46 for list of States included in each Group.
** See Page 47 for Area Type (Land Classification) definitions.

STATES *	OWNERSHIP	NUMBER OF FIRES BY AREA TYPES**						
		Commercial Forest	Non-Commercial Forest	TOTAL FOREST	Percent of Total Number Fires	TOTAL NONFORESTED WATERSHED	Percent of Total Number Fires	GRAND TOTAL
MINNESOTA	Federal	28	6	34	85.00	6	15.00	40
	State & Private	267	65	332	27.35	882	72.65	1,214
	TOTAL	295	71	366	29.19	888	70.81	1,254
MISSISSIPPI	Federal	115	53	168	98.25	3	1.75	171
	State & Private	7,302	---	7,302	100.00	---	---	7,302
	TOTAL	7,417	53	7,470	99.96	3	0.04	7,473
MISSOURI	Federal	110	14	124	100.00	---	---	124
	State & Private	1,751	27	1,778	63.91	1,004	36.09	2,782
	TOTAL	1,861	41	1,902	65.45	1,004	34.55	2,906
MONTANA	Federal	158	185	343	79.58	88	20.42	431
	State & Private	167	41	208	69.33	92	30.67	300
	TOTAL	325	226	551	75.38	180	24.62	731
NEBRASKA	Federal	4	9	13	56.52	10	43.48	23
	State & Private	29	---	29	6.78	399	93.22	428
	TOTAL	33	9	42	9.31	409	90.69	451
NEVADA	Federal	12	59	71	27.95	183	72.05	254
	State & Private	19	11	30	18.87	129	81,13	159
	TOTAL	31	70	101	24.46	312	75.54	413
NEW HAMPSHIRE	Federal	5	---	5	100.00	---	---	5
	State & Private	316	97	413	73.75	147	26.25	560
	TOTAL	321	97	418	73.98	147	26.02	565
NEW JERSEY	Federal	---	7	7	100.00	---	---	7
	State & Private	1,584	---	1,584	90.62	164	9.38	1,748
	TOTAL	1,584	7	1,591	90.66	164	9.34	1,755
NEW MEXICO	Federal	307	342	649	96.87	21	3.13	670
	State & Private	70	24	94	98.95	1	1.05	95
	TOTAL	377	366	743	97.12	22	2.88	765
NEW YORK	Federal	---	3	3	100.00	---	---	3
	State & Private	1,419	39	1,458	100.00	---	---	1,458
	TOTAL	1,419	42	1,461	100.00	---	---	1,461
NORTH CAROLINA	Federal	58	27	85	92.39	7	7.61	92
	State & Private	4,999	414	5,413	84.95	959	15.05	6,372
	TOTAL	5,057	441	5,498	85.06	966	14.94	6,464
NORTH DAKOTA	Federal	1	11	12	22.22	42	77.78	54
	State & Private.	4	---	4	66.67	2	33.33	6
	TOTAL	5	11	16	26.67	44	73.33	60
OHIO	Federal	12	1	13	100.00	---	---	13
	STATE & PRIVATE	488	66	554	43.79	711	56.21	1,265
	TOTAL	500	67	567	44.37	711	55.63	1,278
OKLAHOMA	Federal	11	3	14	48.28	15	51.72	29
	State & Private	488	88	576	100.00	---	---	576
	TOTAL	499	91	590	97.52	15	2.48	605

STATES								
OREGON	Federal	1,024	245	1,269	81.77	283	18.23	1,552
	State & Private	449	111	560	69.05	251	30.95	811
	TOTAL	1,473	356	1,829	77.40	534	22.60	2,363
PENNSYLVANIA	Federal	8	4	12	100.00	---	---	12
	State & Private	1,454	---	1,454	100.00	---	---	1,454
	TOTAL	1,462	4	1,466	100.00	---	---	1,466
RHODE ISLAND	Federal	---	---	---	---	---	---	---
	State & Private	117	229	346	83.17	70	16.83	416
	TOTAL	117	229	346	83.17	70	16.83	416
SOUTH CAROLINA	Federal	81	10	91	100.00	---	---	91
	State & Private	6,713	---	6,713	100.00	---	---	6,713
	TOTAL	6,794	10	6,804	100.00	---	---	6,804
SOUTH DAKOTA	Federal	20	31	51	26.42	142	73.58	193
	State & Private	4	4	8	8.89	82	91.11	90
	TOTAL	24	35	59	20.85	224	79.15	283
TENNESSEE	Federal	57	16	73	100.00	---	---	73
	State & Private	3,491	---	3,491	100.00	---	---	3,491
	TOTAL	3,548	16	3,564	100.00	---	---	3,564
TEXAS	Federal	10	25	35	100.00	---	---	35
	State & Private	933	---	933	100.00	---	---	933
	TOTAL	943	25	968	100.00	---	---	968
UTAH	Federal	80	133	213	67.83	101	32.17	314
	State & Private	---	4	4	0.99	401	99.01	405
	TOTAL	80	137	217	30.18	502	69.82	719
VERMONT	Federal	2	---	2	66.67	1	33.33	3
	State & Private	122	---	122	58.10	88	41.90	210
	TOTAL	124	---	124	58.22	89	41.78	213
VIRGINIA	Federal	27	30	57	100.00	---	---	57
	State & Private	2,276	67	2,343	86.08	379	13.92	2,722
	TOTAL	2,303	97	2,400	86.36	379	13.64	2,779
WASHINGTON	Federal	243	85	328	90.11	36	9.89	364
	State & Private	353	44	397	46.16	463	53.84	860
	TOTAL	596	129	725	59.23	499	40.77	1,224
WEST VIRGINIA	Federal	13	6	19	100.00	---	---	19
	State & Private	1,607	---	1,607	100.00	---	---	1,607
	TOTAL	1,620	6	1,626	100.00	---	---	1,626
WISCONSIN	Federal	9	---	9	90.00	1	10.00	10
	State & Private	622	117	739	31.27	1,624	68.73	2,363
	TOTAL	631	117	748	31.52	1,625	68.48	2,373
WYOMING	Federal	80	48	128	78.53	35	21.47	163
	State & Private	47	10	57	43.18	75	56.82	132
	TOTAL	127	58	185	62.71	110	37.29	295

* See Page 46 for list of States included in each Group.
** See Page 47 for for Area Type (Land Classification) definitions.

NUMBER OF WILDFIRES IN THE UNITED STATES BY SIZE CLASSES - CALENDAR YEAR 1968

PROTECTED AREA ONLY - BY STATES AND GROUPS OF STATES

GROUPS * OF STATES	OWNERSHIP	NUMBER OF FIRES BY SIZE CLASSES**							TOTAL	No. Fires In Classes E. F. & G	% of Total No. Fires
		A	B	C	D	E	F	G			
UNITED STATES	Federal	6,507	2,588	610	148	92	46	36	10,027	174	1.74
	State & Private	21,013	66,418	18,139	1,581	448	80	10	107,689	538	0.50
	TOTAL	27,520	69,006	18,749	1,729	540	126	46	117,716	712	0.60
ROCKY MOUNTAIN GROUP	Federal	3,141	1,022	276	76	42	15	---	4,572	57	1.25
	State & Private	2,516	1,917	887	166	118	16	3	5,623	137	2.55
	TOTAL	5,657	2,939	1,163	242	160	31	3	10,195	194	1.90
PACIFIC GROUP	Federal	2,969	687	156	54	43	31	36	3,976	110	2.77
	State & Private	3,013	1,470	264	59	42	17	7	4,872	66	1.35
	TOTAL	5,982	2,157	420	113	85	48	43	8,848	176	1.99
NORTH CENTRAL GROUP	Federal	73	151	31	1	---	---	---	256	---	---
	State & Private	1,864	6,301	1,847	184	44	16	---	10,256	60	0.59
	TOTAL	1,937	6,452	1,878	185	44	16	---	10,512	60	0.57
SOUTHERN GROUP	Federal	294	695	140	17	7	---	---	1,153	7	0.61
	State & Private	6,023	47,716	13,793	1,067	229	29	---	68,857	258	0.37
	TOTAL	6,317	48,411	13,933	1,084	236	29	---	70,010	265	0.38
EASTERN GROUP	Federal	30	33	7	---	---	---	---	70	---	---
	State & Private	7,597	9,014	1,348	105	15	2	---	18,081	17	0.09
	TOTAL	7,627	9,047	1,355	105	15	2	---	18,151	17	0.09
ALABAMA	Federal	6	57	15	1	---	---	---	79	---	---
	State & Private	518	6,608	2,826	225	29	6	---	10,212	35	0.34
	TOTAL	524	6,665	2,841	226	29	6	---	10,291	35	0.34
ALASKA	Federal	71	113	63	20	22	24	32	345	78	22.61
	State & Private	91	34	10	3	1	1	1	141	3	2.13
	TOTAL	162	147	73	23	23	25	33	486	81	16.67
ARIZONA	Federal	941	295	43	15	9	---	---	1,303	9	0.69
	State & Private	35	9	---	---	---	---	---	44	---	---
	TOTAL	976	304	43	15	9	---	---	1,347	9	0.67
ARKANSAS	Federal	27	68	12	1	---	---	---	108	---	---
	State & Private	66	1,224	834	133	24	3	---	2,284	27	1.18
	TOTAL	93	1,292	846	134	24	3	---	2,392	27	1.13
CALIFORNIA	Federal	1,316	317	47	18	11	3	2	1,714	16	0.93
	State & Private	1,679	1,072	199	47	26	9	4	3,036	39	1.28
	TOTAL	2,995	1,389	246	65	37	12	6	4,750	55	1.16
COLORADO	Federal	284	86	17	3	1	---	---	391	1	0.26
	State & Private	334	388	57	10	3	2	1	795	6	0.75
	TOTAL	618	474	74	13	4	2	1	1,186	7	0.59
CONNECTICUT	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	79	350	150	3	---	---	---	582	---	---
	TOTAL	79	350	150	3	---	---	---	582	---	---
DELAWARE	Federal	---	---	---	---	---	---	---		---	---
	State & Private	5	29	2	---	---	---	---	36	---	---
	TOTAL	5	29	2	---	---	---	---	36	---	---

* See Page 46 for list of States included in each Group.

STATES											
FLORIDA	Federal	83	103	24	8	---	---	---	218	---	---
	State & Private	635	4,769	1,713	166	51	8	---	7,342	59	0.80
	TOTAL	718	4,872	1,737	174	51	8	---	7,560	59	0.78
GEORGIA	Federal	12	34	7	1	1	---	---	55	1	1.82
	State & Private	1,419	9,053	986	75	12	2	---	11,547	14	0.12
	TOTAL	1,431	9,087	993	76	13	2	---	11,602	15	0.13
HAWAII	Federal	---	---	---	1	---	---	---	1	---	---
	State & Private	3	9	4	1	5	1	1	24	7	29.17
	TOTAL	3	9	4	2	5	1	1	25	7	28.00
IDAHO	Federal	556	140	44	13	13	4	---	770	17	2.21
	State & Private	354	123	44	7	2	1	---	531	3	0.56
	TOTAL	910	263	88	20	15	5	---	1,301	20	1.54
ILLINOIS	Federal	3	11	2	---	---	---	---	16	---	---
	State & Private	16	158	120	12	1	---	---	307	1	0.33
	TOTAL	19	169	122	12	1	---	---	323	1	0.31
INDIANA	Federal	3	7	1	---	---	---	---	11	---	---
	State & Private	17	486	101	8	2	---	---	614	2	0.33
	TOTAL	20	493	102	8	2	---	---	625	2	0.32
IOWA	Federal	---	---	1	---	---	---	---	1	---	---
	State & Private	22	383	106	12	3	---	---	526	3	0.57
	TOTAL	22	383	107	12	3	---	---	527	3	0.57
KANSAS	Federal	---	2	3	1	---	---	---	6	---	---
	State & Private	1,113	788	550	101	86	---	---	2,638	86	3.26
	TOTAL	1,113	790	553	102	86	---	---	2,644	86	3.25
KENTUCKY	Federal	19	32	10	---	---	---	---	61	---	---
	State & Private	118	2,163	657	24	5	---	---	2,967	5	0.17
	TOTAL	137	2,195	667	24	5	---	---	3,028	5	0.17
LOUISIANA	Federal	15	64	5	---	---	---	---	84	---	---
	State & Private	556	4,435	1,331	63	10	1	---	6,396	11	0.17
	TOTAL	571	4,499	1,336	63	10	1	---	6,480	11	0.17
MAINE	Federal	3	1	---	---	---	---	---	4	---	---
	State & Private	259	238	14	3	1	1	---	516	2	0.39
	TOTAL	262	239	14	3	1	1	---	520	2	0.38
MARYLAND	Federal	2	2	---	---	---	---	---	4	---	---
	State & Private	228	418	30	2	---	---	---	678	---	---
	TOTAL	230	420	30	2	---	---	---	682	---	---
MASSACHUSETTS	Federal	11	2	---	---	---	---	---	13	---	---
	State & Private	5,311	3,407	93	3	2	---	---	8,816	2	0.02
	TOTAL	5,322	3,409	93	3	2	---	---	8,829	2	0.02
MICHIGAN	Federal	8	24	9	---	---	---	---	41	---	---
	State & Private	224	793	151	14	1	2	---	1,185	3	0.25
	TOTAL	232	817	160	14	1	2	---	1,226	3	0.24

** Size Classes: A = 0.25 acres or less.
B = 0.26 acres to 10 acres.
C = 10.1 acres to 100 acres.

** Size Classes: D = 100.1 acres to 300 acres.
E = 300.1 acres to 1,000 acres.
F = 1,000.1 acres to 5,000 acres.
G = 5,000.1 acres or more.

STATES *	OWNERSHIP	NUMBER OF FIRES BY SIZE CLASSES **									
		A	B	C	D	E	F	G	TOTAL	No. Fires In Classes E, F & G	% of Total No. Fires
MINNESOTA	Federal	20	14	6	---	---	---	---	40	---	---
	State & Private	178	551	373	70	29	13	---	1,214	42	3.46
	TOTAL	198	565	379	70	29	13	---	1,254	42	3.34
MISSISSIPPI	Federal	33	109	26	3	---	---	---	171	---	---
	State & Private	187	4,987	2,023	84	19	2	---	7,302	21	0.29
	TOTAL	220	5,096	2,049	87	19	2	---	7,473	21	0.28
MISSOURI	Federal	36	78	9	1	---	---	---	124	---	---
	State & Private	303	1,807	629	42	1	---	---	2,782	1	0.04
	TOTAL	339	1,885	638	43	1	---	---	2,906	1	0.03
MONTANA	Federal	284	108	33	4	1	1	---	431	2	0.46
	State & Private	199	80	17	1	2	1	---	300	3	1.00
	TOTAL	483	188	50	5	3	2	---	731	5	0.68
NEBRASKA	Federal	1	16	6	---	---	---	---	23	---	---
	State & Private	61	232	103	18	9	5	---	428	14	3.27
	TOTAL	62	248	109	18	9	5	---	451	14	3.10
NEVADA	Federal	173	41	28	5	5	2	---	254	7	2.76
	State & Private	110	27	14	4	3	1	---	159	4	2.52
	TOTAL	283	68	42	9	8	3	---	413	11	2.66
NEW HAMPSHIRE	Federal	5	---	---	---	---	---	---	5	---	---
	State & Private	462	91	7	---	---	---	---	560	---	---
	TOTAL	467	91	7	---	---	---	---	565	---	---
NEW JERSEY	Federal	2	3	2	---	---	---	---	7	---	---
	State & Private	448	1,179	113	6	2	---	---	1,748	2	0.11
	TOTAL	450	1,182	115	6	2	---	---	1,755	2	0.11
NEW MEXICO	Federal	477	159	28	3	1	2	---	670	3	0.45
	State & Private	50	27	10	3	2	2	1	95	5	5.26
	TOTAL	527	186	38	6	3	4	1	765	8	1.05
NEW YORK	Federal	1	1	1	---	---	---	---	3	---	---
	State & Private	182	1,056	205	13	1	1	---	1,458	2	0.14
	TOTAL	183	1,057	206	13	1	1	---	1,461	2	0.14
NORTH CAROLINA	Federal	20	57	11	---	4	---	---	92	4	4.35
	State & Private	847	4,321	1,073	107	21	3	---	6,372	24	0.38
	TOTAL	867	4,378	1,084	107	25	3	---	6,464	28	0.43
NORTH DAKOTA	Federal	10	16	15	12	1	---	---	54	1	1.85
	State & Private	---	2	3	1	---	---	---	6	---	---
	TOTAL	10	18	18	13	1	---	---	60	1	1.67
OHIO	Federal	2	10	1	---	---	---	---	13	---	---
	State & Private	299	831	131	4	---	---	---	1,265	---	---
	TOTAL	301	841	132	4	---	---	---	1,278	---	---
OKLAHOMA	Federal	10	16	3	---	---	---	---	29	---	---
	State & Private	19	274	213	45	23	2	---	576	25	4.34
	TOTAL	29	290	216	45	23	2	---	605	25	4.13

* See Page 46 for list of States included in each Group.

STATES											
OREGON	Federal	1,292	195	35	15	10	4	1	1,552	15	0.97
	State & Private	607	163	28	3	6	4	---	811	10	1.23
	TOTAL	1,899	358	63	18	16	8	1	2,363	25	1.06
PENNSYLVANIA	Federal	---	12	---	---	---	---	---	12	---	---
	State & Private	291	950	192	17	4	---	---	1,454	4	0.28
	TOTAL	291	962	192	17	4	---	---	1,466	4	0.27
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	196	197	20	1	2	---	---	416	2	0.48
	TOTAL	196	197	20	1	2	---	---	416	2	0.48
SOUTH CAROLINA	Federal	9	67	12	2	1	---	---	91	1	1.10
	State & Private	662	4,562	1,340	117	30	2	---	6,713	32	0.48
	TOTAL	671	4,629	1,352	119	31	2	---	6,804	33	0.49
SOUTH DAKOTA	Federal	83	58	35	7	8	2	---	193	10	5.18
	State & Private	36	42	8	2	1	1	---	90	2	2.22
	TOTAL	119	100	43	9	9	3	---	283	12	4.24
TENNESSEE	Federal	25	43	5	---	---	---	---	73	-----	---
	State & Private	209	2,898	369	13	2	---	---	3,491	2	0.06
	TOTAL	234	2,941	374	13	2	---	---	3,564	2	0.05
TEXAS	Federal	10	20	4	---	1	---	---	35	1	2.86
	State & Private	95	626	205	5	2	---	---	933	2	0.21
	TOTAL	105	646	209	5	3	---	---	968	3	0.31
UTAH	Federal	222	62	15	9	3	3	---	314	6	1.91
	State & Private	150	170	58	18	7	2	---	405	9	2.22
	TOTAL	372	232	73	27	10	5	---	719	15	2.09
VERMONT	Federal	2	1	---	---	---	---	---	3	---	---
	State & Private	47	150	12	1	---	---	---	210	---	---
	TOTAL	49	151	12	1	---	---	---	213	---	---
VIRGINIA	Federal	25	25	6	1	---	---	---	57	-----	---
	State & Private	692	1,796	223	10	1	---	---	2,722	1	0.04
	TOTAL	717	1,821	229	11	1	---	---	2,779	1	0.04
WASHINGTON	Federal	290	62	11	---	---	---	1	364	1	0.27
	State & Private	633	192	23	5	4	2	1	860	7	0.81
	TOTAL	923	254	34	5	4	2	2	1,224	8	0.65
WEST VIRGINIA	Federal	4	11	4	---	---	---	---	19	---	---
	State & Private	89	949	510	56	3	---	---	1,607	3	0.18
	TOTAL	93	960	514	56	3	---	---	1,626	3	0.18
WISCONSIN	Federal	1	7	2	---	---	---	---	10	---	---
	State & Private	805	1,292	236	22	7	1	---	2,363	8	0.34
	TOTAL	806	1,299	238	22	7	1	---	2,373	8	0.34
WYOMING	Federal	110	39	9	4	---	1	---	163	1	0.61
	State & Private	74	29	23	1	3	1	1	132	5	3.79
	TOTAL	184	68	32	5	3	2	1	295	6	2.03

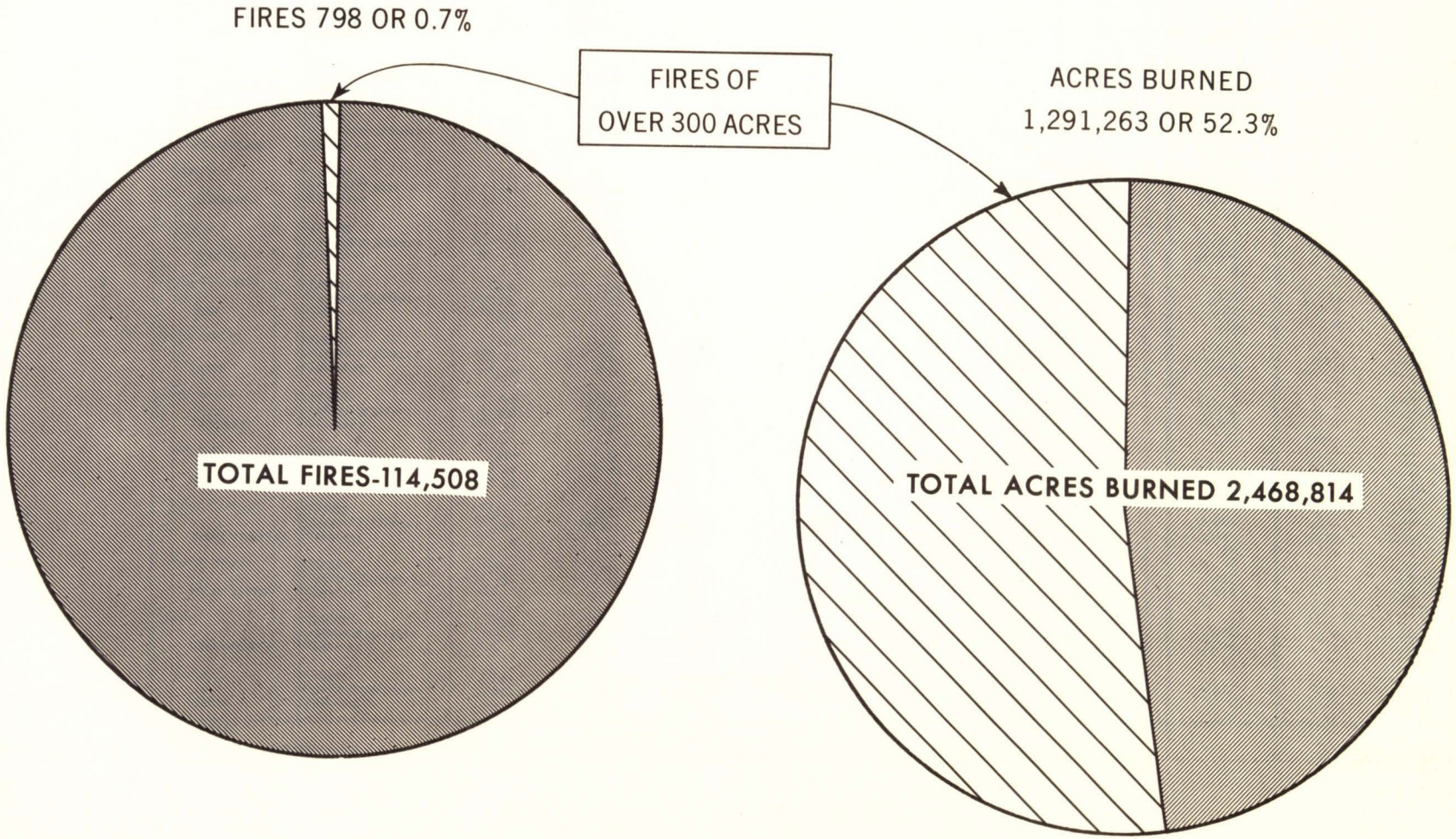
** Size Classes: A = 0.25 acres or less.
B = 0.26 acres to 10 acres.
C = 10.1 acres to 100 acres.

** Size Classes: D = 100.1 acres to 300 acres.
E = 300.1 acres to 1,000 acres.
F = 1,000.1 acres to 5,000 acres.
G = 5,000.1 acres or more.

UNITED STATES

FIRES AND ACRES BURNED ON PROTECTED LANDS

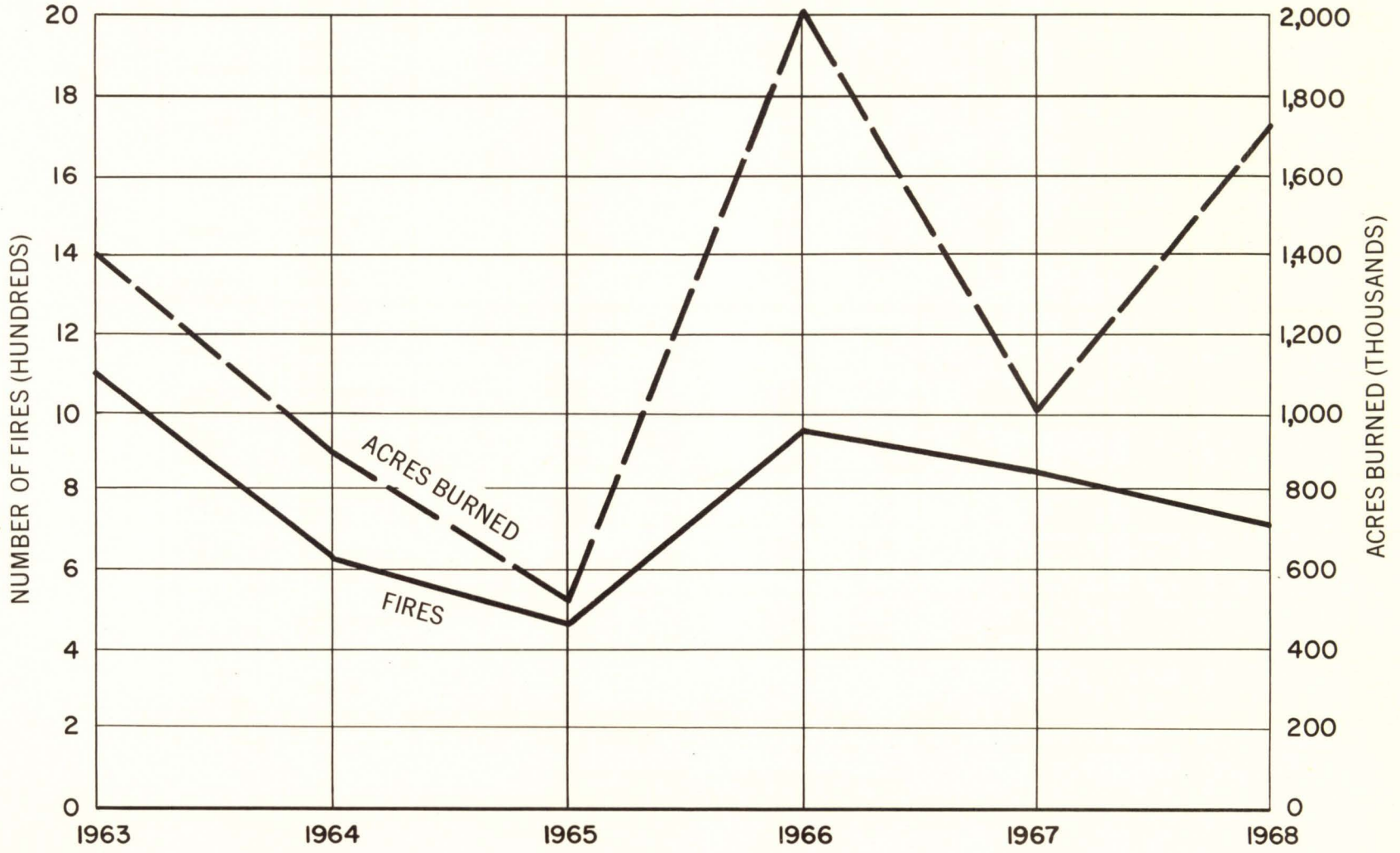
C. Y. 1963-1968 AVERAGES



UNITED STATES

CLASS E, F, G FIRES AND ACRES BURNED ON PROTECTED LANDS

C. Y. 1963-1968



ACRES BURNED BY WILDFIRES IN THE UNITED STATES BY SIZE CLASSES - CALENDAR YEAR 1968

PROTECTED AREAS ONLY - BY STATES AND GROUPS OF STATES

GROUPS* OF STATES	OWNERSHIP	ACRES BURNED BY SIZE CLASSES** A	B	C	D	E	F	G	TOTAL	Burn In Class E, F, G	Percent of Total Acres Burned
UNITED STATES	Federal	49	8,542	24,284	28,507	184,907	120,652	837,977	1,204,918	1,143,536	94.91
	State & Private	3,833	215,885	570,810	267,935	302,280	153,701	118,970	1,633,414	574,951	35.20
	TOTAL	3,882	224,427	595,094	296,442	487,187	274,353	956,947	2,838,332	1,718,487	60.55
ROCKY MOUNTAIN GROUP	Federal	34	3,750	11,051	15,164	52,664	26,932	---	109,595	79,596	72.63
	State & Private	353	5,448	31,503	27,683	129,194	32,942	19,878	247,001	182,014	73.69
	TOTAL	387	9,198	42,554	42,847	181,858	59,874	19,878	356,596	261,610	73.36
PACIFIC GROUP	Federal	13	1,864	6,602	10,134	121,277	93,720	837,977	1,071,587	1,052,974	98.26
	State & Private	91	3,725	8,853	9,732	22,217	32,596	99,092	176,306	153,905	87.29
	TOTAL	104	5,589	15,455	19,866	143,494	126,316	937,069	1,247,893	1,206,879	96.71
NORTH CENTRAL GROUP	Federal	1	481	1,378	333	465	---	---	2,658	465	17.49
	State & Private	200	19,212	59,252	32,075	22,084	35,772	---	168,595	57,856	34.32
	TOTAL	201	19,693	60,630	32,408	22,549	35,772	---	171,253	58,321	34.06
SOUTHERN GROUP	Federal	1	2,362	5,033	2,876	10,501	---	---	20,773	10,501	50.55
	State & Private	1,447	167,383	435,292	183,512	121,455	47,080	---	956,169	168,535	17.63
	TOTAL	1,448	169,745	440,325	186,388	131,956	47,080	---	976,942	179,036	18.33
EASTERN GROUP	Federal	---	85	220	---	---	---	---	305	---	---
	State & Private	1,742	20,117	35,910	14,933	7,330	5,311	---	85,343	12,641	14.81
	TOTAL	1,742	20,202	36,130	14,933	7,330	5,311	---	85,648	12,641	14.76
ALABAMA	Federal	---	247	487	88	---	---	---	822	---	---
	State & Private	78	23,712	85,626	37,482	15,078	11,455	---	173,431	26,533	15.30
	TOTAL	78	23,959	86,113	37,570	15,078	11,455	---	174,253	26,533	15.23
ALASKA	Federal	---	599	3,120	4,521	22,430	81,700	823,503	935,873	927,633	99.12
	State & Private	---	381	268	333	720	2,000	29,750	33,452	32,470	97.06
	TOTAL	---	980	3,388	4,854	23,150	83,700	853,253	969,325	960,103	99.05
ARIZONA	Federal	16	658	1,328	3,062	28,606	2,560	---	36,230	31,166	86.02
	State & Private	2	9	---	---	---	---	---	11	---	---
	TOTAL	18	667	1,328	3,062	28,606	2,560	---	36,241	31,166	86.00
ARKANSAS	Federal	---	212	434	261	---	---	---	907	---	---
	State & Private	16	3,974	27,318	20,331	11,051	3,820	---	66,510	14,871	22.36
	TOTAL	16	4,186	27,752	20,592	11,051	3,820	---	67,417	14,871	22.06
CALIFORNIA	Federal	3	703	1,787	3,203	80,986	5,630	3,270	95,582	89,886	94.04
	State & Private	54	2,457	6,793	7,807	13,785	16,478	44,020	91,394	74,283	81.28
	TOTAL	57	3,160	8,580	11,010	94,771	22,108	47,290	186,976	164,169	87.80
COLORADO	Federal	1	333	366	922	900	---	---	2,522	900	35.69
	State & Private	62	433	1,908	2,146	2,800	3,000	5,100	15,449	10,900	70.55
	TOTAL	63	766	2,274	3,068	3,700	3,000	5,100	17,971	11,800	65.66
CONNECTICUT	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	13	1,087	804	457	---	---	---	2,361	---	---
	TOTAL	13	1,087	804	457	---	---	---	2,361	---	---
DELAWARE	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	1	71	30	---	---	---	---	102	---	---
	TOTAL	1	71	30	---	---	---	---	102	---	---

* See Page 46 for list of States included in each Group.

STATES											
FLORIDA	Federal	---	313	776	1,403	67	---	---	2,559	67	2.62
	State & Private	89	15,587	56,233	27,409	23,152	15,204	---	137,674	38,356	27.86
	TOTAL	89	15,900	57,009	28,812	23,219	15,204	---	140,233	38,423	27.40
GEORGIA	Federal	---	77	182	102	325	---	---	686	325	47.38
	State & Private	505	32,854	32 543	13,868	6,354	2,843	---	88,967	9,197	10.34
	TOTAL	505	32,931	32,725	13,970	6,679	2,843	---	89,653	9,522	10.62
HAWAII	Federal	---	---	---	211	---	---	---	211	---	---
	State & Private	---	41	278	106	2,550	1,650	8,700	13,325	12,900	96.81
	TOTAL	---	41	278	317	2,550	1,650	8,700	13,536	12,900	95.30
IDAHO	Federal	---	492	2,784	3,188	11,078	7,338	---	24,880	18,416	74.02
	State & Private	20	326	1,881	1,231	1,100	2,000	---	6,558	3,100	47.27
	TOTAL	20	818	4,665	4,419	12,178	9,338	---	31,438	21,516	68.44
ILLINOIS	Federal	---	49	132	170	---	---	---	351	---	---
	State & Private	4	637	4,713	1,990	400	---	---	7,744	400	5.17
	TOTAL	4	686	4,845	2,160	400	---	---	8,095	400	4.94
INDIANA	Federal	---	23	81	---	---	---	---	104	---	---
	State & Private	3	1,715	3,603	1,630	650	---	---	7,601	650	8.55
	TOTAL	3	1,738	3,684	1,630	650	---	---	7,705	650	8.44
IOWA	Federal	---	---	35	---	---	---	---	35	---	---
	State & Private	5	1,230	3,972	2,137	1,170	---	---	8,514	1,170	13.74
	TOTAL	5	1,230	4,007	2,137	1,170	---	---	8,549	1,170	13.69
KANSAS	Federal	---	7	126	121	---	---	---	254	---	---
	State & Private	163	2,745	17,073	15,849	109,970	---	---	145,800	109,970	75.42
	TOTAL	163	2,752	17,199	15,970	109,970	---	---	146,054	109,970	75.29
KENTUCKY	Federal	---	110	346	---	---	---	---	456	---	---
	State & Private	33	7,946	19,239	3,930	1,974	---	---	33,122	1,974	5.96
	TOTAL	33	8,056	19,585	3,930	1,974	---	---	33,578	1,974	5.88
LOUISIANA	Federal	---	226	194	---	---	---	---	420	---	---
	State & Private	139	14,929	45,252	10,997	5,843	2,000	---	79,160	7,843	9.91
	TOTAL	139	15,155	45,446	10,997	5,843	2,000	---	79,580	7,843	9.86
MAINE	Federal	--- ---	3	---	---	---	---	---	3	---	---
	State & Private	19	526	502	750	340	4,111	---	6,248	4,451	71.24
	TOTAL	19	529	502	750	340	4,111	---	6,251	4,451	71.20
MARYLAND	Federal	---	1	---	---	---	---	---	1	---	---
	State & Private	28	790	643	223	---	---	---	1,684	---	---
	TOTAL	28	791	643	223	---	---	---	1,685	---	---
MASSACHUSETTS	Federal	---	3	---	---	---	---	---	3	---	---
	State & Private	1,206	5,733	2,571	391	779	---	---	10,680	779	7.29
	TOTAL	1,206	5,736	2,571	391	779	---	---	10,683	779	7.29
MICHIGAN	Federal	---	68	374	---	465	---	---	907	465	51.27
	State & Private	---	2,281	4,634	2,387	769	6,262	---	16,333	7,031	43.05
	TOTAL	---	2,349	5,008	2,387	1,234	6,262	---	17,240	7,496	43.48

** Size Classes: A = 0.25 acres or less.
B = 0.26 to 10 acres.
C = 10.1 to 100 acres.

** Size Classes: D = 100.1 to 300 acres.
E = 300.1 to 1,000 acres.
F = 1,000 acres to 5,000 acres.
G = 5,000.1 acres or more.

STATES*	OWNERSHIP	ACRES BURNED BY SIZE CLASSES** A	B	C	D	E	F	G	TOTAL	Burn In Class E, F, G	Percent of Total Acres Burned
MINNESOTA	Federal	1	58	297	---	---	---	---	356	---	---
	State & Private	---	2,187	13,286	12,078	15,053	27,737	---	70,341	42,790	60.83
	TOTAL	1	2,245	13,583	12,078	15,053	27,737	---	70,697	42,790	60.53
MISSISSIPPI	Federal	1	375	898	391	---	---	---	1,665	---	---
	State & Private	261	24,911	63,291	13,798	8,805	2,000	---	113,066	10,805	9.56
	TOTAL	262	25,286	64,189	14,189	8,805	2,000	---	114,731	10,805	9.42
MISSOURI	Federal	---	254	332	115	---	---	---	701	---	---
	State & Private	56	6,189	19,133	7,259	700	---	---	33,337	700	2.10
	TOTAL	56	6,443	19,465	7,374	700	---	---	34,038	700	2.06
MONTANA	Federal	4	324	1,364	759	1,639	989	---	5,079	2,628	51.74
	State & Private	22	168	796	110	1,248	2,019	---	4,363	3,267	74.88
	TOTAL	26	492	2,160	869	2,887	3,008	---	9,442	5,895	62.43
NEBRASKA	Federal	---	49	134	20	---	---	---	203	---	---
	State & Private	7	918	4,032	3,115	3,970	12,161	---	24,203	16,131	66.65
	TOTAL	7	967	4,166	3,135	3,970	12,161	---	24,406	16,131	66.09
NEVADA	Federal	---	897	1,261	1,479	2,910	2,190	---	8,737	5,100	58.37
	State & Private	14	58	543	675	2,050	1,800	---	5,140	3,850	74.90
	TOTAL	14	955	1,804	2,154	4,960	3,990	---	13,877	8,950	64.50
NEW HAMPSHIRE	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	121	430	169	---	---	---	---	720	---	---
	TOTAL	121	430	169	---	---	---	---	720	---	---
NEW JERSEY	Federal	---	5	58	---	---	---	---	63	---	---
	State & Private	227	2,609	3,138	1,340	1,250	---	---	8,564	1,250	14.60
	TOTAL	227	2,614	3,196	1,340	1,250	---	---	8,627	1,250	14.49
NEW MEXICO	Federal	8	341	1,072	631	674	2,871	---	5,597	3,545	63.34
	State & Private	5	96	415	345	696	4,200	9,658	15,415	14,554	94.41
	TOTAL	13	437	1,487	976	1,370	7,071	9,658	21,012	18,099	86.14
NEW YORK	Federal	---	1	47	---	---	---	---	48	---	---
	State & Private	13	2,279	5,721	1,872	328	1,200	---	11,413	1,528	13.39
	TOTAL	13	2,280	5,768	1,872	328	1,200	---	11,461	1,528	13.33
NORTH CAROLINA	Federal	---	200	447	61	5,172	---	---	5,880	5,172	87.96
	State & Private	91	14,144	31,841	17,712	13,132	3,736	---	80,656	16,868	20.91
	TOTAL	91	14,344	32,288	17,773	18,304	3,736	---	86,536	22,040	25.47
NORTH DAKOTA	Federal	---	81	509	1,850	1,142	---	---	3,582	1,142	31.88
	State & Private	---	7	155	200	---	---	---	362	---	---
	TOTAL	---	88	664	2,050	1,142	---	---	3,944	1,142	31.88
OHIO	Federal	---	13	40	---	---	---	---	53	---	---
	State & Private	45	1,913	3,262	573	---	---	---	5,793	---	---
	TOTAL	45	1,926	3,302	573	---	---	---	5,846	---	---
OKLAHOMA	Federal	---	41	127	---	---	---	---	168	---	---
	State & Private	2	944	8,506	8,352	11,169	2,310	---	31,283	13,479	43.09
	TOTAL	2	985	8,633	8,352	11,169	2,310	---	31,451	13,479	42.86

* See Page 46 for list of States included in each Group.

STATES											
OREGON	Federal	1	420	1,158	2,196	7,727	5,940	4,473	21,915	18,140	82.77
	State & Private	---	328	802	592	2,369	9,584	---	13,675	11,953	87.41
	TOTAL	1	748	1,960	2,788	10,096	15,524	4,473	35,590	30,093	84.55
PENNSYLVANIA	Federal	---	37	---	---	---	---	---	37	---	---
	State & Private	64	2,544	5,261	2,738	2,432	---	---	13,039	2,432	18.65
	TOTAL	64	2,581	5,261	2,738	2,432	---	---	13,076	2,432	18.60
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	25	346	635	102	961	---	---	2,069	961	46.45
	TOTAL	25	346	635	102	961	---	---	2,069	961	46.45
SOUTH CAROLINA	Federal	---	243	483	453	775	---	---	1,954	775	39.66
	State & Private	103	14,672	45,409	24,915	23,010	3,712	---	111,821	26,722	23.90
	TOTAL	103	14,915	45,892	25,368	23,785	3,712	---	113,775	27,497	24.17
SOUTH DAKOTA	Federal	4	192	1,210	1,189	3,018	4,386	---	9,999	7,404	74.05
	State & Private	6	77	450	235	700	3,000	---	4,468	3,700	82.81
	TOTAL	10	269	1,660	1,424	3,718	7,386	---	14,467	11,104	76.75
TENNESSEE	Federal	---	120	202	10	---	---	---	332	---	---
	State & Private	28	7,809	9,394	2,315	765	---	---	20,311	765	3.77
	TOTAL	28	7,929	9,596	2,325	765	---	---	20,643	765	3.71
TEXAS	Federal	---	132	210	---	4,092	---	---	4,434	4,092	92.29
	State & Private	4	2,504	5,706	896	810	---	---	9,920	810	8.17
	TOTAL	4	2,636	5,916	896	4,902	---	---	14,354	4,902	34.15
UTAH	Federal	---	201	552	1,311	2,697	5,200	---	9,961	7,897	79.28
	State & Private	34	521	2,370	3,517	3,968	2,700	---	13,110	6,668	50.86
	TOTAL	34	722	2,922	4,828	6,665	7,900	---	23,071	14,565	63.13
VERMONT	Federal	---	1	---	---	---	---	---	1	---	---
	State & Private	7	311	294	102	---	---	---	714	---	---
	TOTAL	7	312	294	102	---	---	---	715	---	---
VIRGINIA	Federal	---	66	247	107	70	---	---	490	70	14.29
	State & Private	98	3,397	4,934	1,507	312	---	---	10,248	312	3.04
	TOTAL	98	3,463	5,181	1,614	382	---	---	10,738	382	3.56
WASHINGTON	Federal	9	142	537	3	10,134	450	6,731	18,006	17,315	96.16
	State & Private	37	518	712	894	2,793	2,884	16,622	24,460	22,299	91.17
	TOTAL	46	660	1,249	897	12,927	3,334	23,353	42,466	39,614	93.28
WEST VIRGINIA	Federal	---	34	115	---	---	---	---	149	---	---
	State & Private	18	3,391	16,142	6,958	1,240	---	---	27,749	1,240	4.47
	TOTAL	18	3,425	16,257	6,958	1,240	---	---	27,898	1,240	4.44
WISCONSIN	Federal	---	16	87	48	---	---	---	151	---	---
	State & Private	87	3,060	6,649	4,021	3,342	1,773	---	18,932	5,115	27.02
	TOTAL	87	3,076	6,736	4,069	3,342	1,773	---	19,083	5,115	26.80
WYOMING	Federal	1	175	345	632	---	1,398	---	2,551	1,398	54.80
	State & Private	18	90	1,880	260	2,692	2,062	5,120	12,122	9,874	81.46
	TOTAL	19	265	2,225	892	2,692	3,460	5,120	14,673	11,272	76.82

** Size Classes: A = 0.25 acres or less.
B = 0.26 to 10 acres.
C = 10.1 to 100 acres.

** Size Classes: D = 100.1 to 300 acres.
E = 300.1 to 1,000 acres.
F = 1,000.1 to 5,000 acres.
G = 5,000.1 acres or more.

ACRES BURNED BY WILDFIRES IN THE UNITED STATES BY CAUSES - CALENDAR YEAR 1968

PROTECTED AREAS ONLY - BY STATES AND GROUPS OF STATES

GROUPS * OF STATES	OWNERSHIP	ACRES BURNED BY CAUSE CLASSES**							TOTAL	Man-Caused		Owner*** Responsibility	
		Lightning	Campfires	Smoking	Debris Burning	Incendiary	Machine Use	Miscellaneous		Acres Burned	% of Total	Acres Burned	% of Total
UNITED STATES	Federal	1,016,939	14,739	14,530	23,277	15,810	59,226	60,397	1,204,918	187,979	15.60		
	State & Private	94,084	32,835	177,761	395,008	594,473	126,231	213,022	1,633,414	1,539,330	94.24	270,887	16.58
	TOTAL	1,111,023	47,574	192,291	418,285	610,283	185,457	273,419	2,838,332	1,727,309	60.86		
ROCKY MOUNTAIN GROUP	Federal	59,499	11,319	6,377	17,521	3,998	5,641	5,240	109,595	50,096	45.71		
	State & Private	36,304	1,094	19,917	57,642	13,204	37,199	81,641	247,001	210,697	85.30	58,687	23.76
	TOTAL	95,803	12,413	26,294	75,163	17,202	42,840	86,881	356,596	260,793	73.13		
PACIFIC GROUP	Federal	951,636	3,181	6,566	3,920	6,889	52,488	46,907	1,071,587	119,951	11.19		
	State & Private	43,768	778	24,547	10,504	23,986	15,370	57,353	176,306	132,538	75.17	16,052	9.10
	TOTAL	995,404	3,959	31,113	14,424	30,875	67,858	104,260	1,247,893	252,489	20.23		
NORTH CENTRAL GROUP	Federal	39	24	236	313	1,061	258	727	2,658	2,619	98.53		
	State & Private	129	2,122	11,189	77,331	48,163	19,149	10,512	168,595	168,466	99.92	56,057	33.24
	TOTAL	168	2,146	11,425	77,644	49,224	19,407	11,239	171,253	171,085	99.90		
SOUTHERN GROUP	Federal	5,765	215	1,292	1,503	3,683	829	7,486	20,773	15,008	72.25		
	State & Private	13,688	25,010	112,180	227,498	490,788	43,209	43,796	956,169	942,481	98.57	118,135	12.36
	TOTAL	19,453	25,225	113,472	229,001	494,471	44,038	51,282	976,942	957,489	98.01		
EASTERN GROUP	Federal	---	---	59	20	179	10	37	305	305	100.00		
	State & Private	195	3,831	9,928	22,033	18,332	11,304	19,720	85,343	85,148	99.78	21,956	25.73
	TOTAL	195	3,831	9,987	22,053	18,511	11,314	19,757	85,648	85,453	99.77		
ALABAMA	Federal	44	60	52	150	356	109	51	822	778	94.65		
	State & Private	1,023	6,541	30,928	39,092	84,626	5,935	5,286	173,431	172,408	99.41	27,267	15.72
	TOTAL	1,067	6,601	30,980	39,242	84,982	6,044	5,337	174,253	173,186	99.39		
ALASKA	Federal	932,740	1,089	1,612	195	46	152	39	935,873	3,133	0.33		
	State & Private	31,804	389	47	979	3	---	230	33,452	1,648	4.93	979	2.93
	TOTAL	964,544	1,478	1,659	1,174	49	152	269	969,325	4,781	0.49		
ARIZONA	Federal	25,200	5,084	1,643	94	2,655	945	609	36,230	11,030	30.44		
	State & Private	4	1	4	1	---	---	1	11	7	63.64	5	45.45
	TOTAL	25,204	5,085	1,647	95	2,655	945	610	36,241	11,037	30.45		
ARKANSAS	Federal	17	13	24	53	699	5	96	907	890	98.13		
	State & Private	74	1,450	5,376	10,050	44,781	353	4,426	66,510	66,436	99.89	3,462	5.21
	TOTAL	91	1,463	5,400	10,103	45,480	358	4,522	67,417	67,326	99.87		
CALIFORNIA	Federal	1,086	1,809	3,318	2,718	6,344	47,407	32,900	95,582	94,496	98.86		
	State & Private	2,063	300	12,761	5,112	22,713	12,003	36,442	91,394	89,331	97.74	6,926	7.58
	TOTAL	3,149	2,109	16,079	7,830	29,057	59,410	69,342	186,976	183,827	98.32		
COLORADO	Federal	1,325	37	362	48	91	56	603	2,522	1,197	47.46		
	State & Private	3,183	15	653	2,734	89	1,044	7,731	15,449	12,266	79.39	2,047	13.25
	TOTAL	4,508	52	1,015	2,782	180	1,100	8,334	17,971	13,463	74.91		
CONNECTICUT	Federal	---	---	---	---	---	---	---	---	---	---		
	State & Private	---	83	190	368	847	322	551	2,361	2,361	100.00	367	15.54
	TOTAL	---	83	190	368	847	322	551	2,361	2,361	100.00		
DELAWARE	Federal	---	---	---	---	---	---	---	---	---	---		
	State & Private	---	---	1	42	5	---	54	102	102	100.00	23	22.55
	TOTAL	---	---	1	42	5	---	54	102	102	100.00		

STATES													
FLORIDA	Federal	847	1	286	10	654	288	473	2,559	1,712	66.90		
	State & Private	6,753	8,261	19,797	38,833	50,354	11,942	1,734	137,674	130,921	95.09	12,643	9.18
	TOTAL	7,600	8,262	20,083	38,843	51,008	12,230	2,207	140,233	132,633	94.58		
GEORGIA	Federal	330	32	60	156	30	7	71	686	356	51.90		
	State & Private	2,326	2,885	13,461	33,108	26,738	5,920	4,529	88,967	86,641	97.38	14,004	15.74
	TOTAL	2,656	2,917	13,521	33,264	26,768	5,927	4,600	89,653	86,997	97.04		
HAWAII	Federal	---	---	---	---	---	---	211	211	211	100.00		
	State & Private	---	---	9,595	2,696	---	---	1,034	13,325	13,325	100.00	32	0.24
	TOTAL	---	---	9,595	2,696	---	---	1,245	13,536	13,536	100.00		
IDAHO	Federal	14,658	38	320	7,802	468	1,104	490	24,880	10,222	41.09		
	State & Private	342	69	1,191	698	419	761	3,078	6,558	6,216	94.79	1,170	17.84
	TOTAL	15,000	107	1,511	8,500	887	1,865	3,568	31,438	16,438	52.29		
ILLINOIS	Federal	---	10	4	50	91	176	20	351	351	100.00		
	State & Private	---	93	346	3,400	1,697	922	1,286	7,744	7,744	100.00	2,257	29.15
	TOTAL	---	103	350	3,450	1,788	1,098	1,306	8,095	8,095	100.00		
INDIANA	Federal	---	---	65	2	22	---	15	104	104	100.00		
	State & Private	---	70	168	3,916	329	1,483	1,635	7,601	7,601	100.00	4,042	53.18
	TOTAL	---	70	233	3,918	351	1,483	1,650	7,705	7,705	100.00		
IOWA	Federal	---	---	---	---	---	---	35	35	35	100.00		
	State & Private	10	4	2,249	3,640	200	1,099	1,312	8,514	8,504	99.88	5,428	63.75
	TOTAL	10	4	2,249	3,640	200	1,099	1,347	8,549	8,539	99.88		
KANSAS	Federal	5	2	16	80	---	121	30	254	249	98.03		
	State & Private	1,719	526	7,356	45,997	9,967	21,511	58,724	145,800	144,081	98.82	45,997	31.55
	TOTAL	1,724	528	7,372	46,077	9,967	21,632	58,754	146,054	144,330	98.82		
KENTUCKY	Federal	3	1	157	2	161	57	75	456	453	99.34		
	State & Private	---	1,619	6,054	10,929	7,404	1,089	6,027	33,122	33,122	100.00	2,945	8.89
	TOTAL	3	1,620	6,211	10,931	7,565	1,146	6,102	33,578	33,575	99.99		
LOUISIANA	Federal	---	10	99	29	233	25	24	420	420	100.00		
	State & Private	13	257	970	2,677	74,530	529	184	79,160	79,147	99.98	486	0.61
	TOTAL	13	267	1,069	2,706	74,763	554	208	79,580	79,567	99.98		
MAINE	Federal	---	---	3	---	---	---	---	3	3	100.00		
	State & Private	22	11	232	1,092	561	53	4,277	6,248	6,226	99.65	5,242	83.90
	TOTAL	22	11	235	1,092	561	53	4,277	6,251	6,229	99.65		
MARYLAND	Federal	---	---	1	---	---	---	---	1	1	100.00		
	State & Private	1	52	369	545	360	60	297	1,684	1,683	99.94	170	10.10
	TOTAL	1	52	370	545	360	60	297	1,685	1,684	99.94		
MASSACHUSETTS	Federal	---	---	---	3	---	---	---	3	3	100.00		
	State & Private	7	379	280	2,328	1,283	1,423	4,980	10,680	10,673	99.93	152	1.42
	TOTAL	7	379	280	2,331	1,283	1,423	4,980	10,683	10,676	99.93		
MICHIGAN	Federal	18	1	57	142	477	76	136	907	889	98.02		
	State & Private	10	386	1,820	3,726	2,958	6,202	1,231	16,333	16,323	99.94	3,479	21.30
	TOTAL	28	387	1,877	3,868	3,435	6,278	1,367	17,240	17,212	99.84		

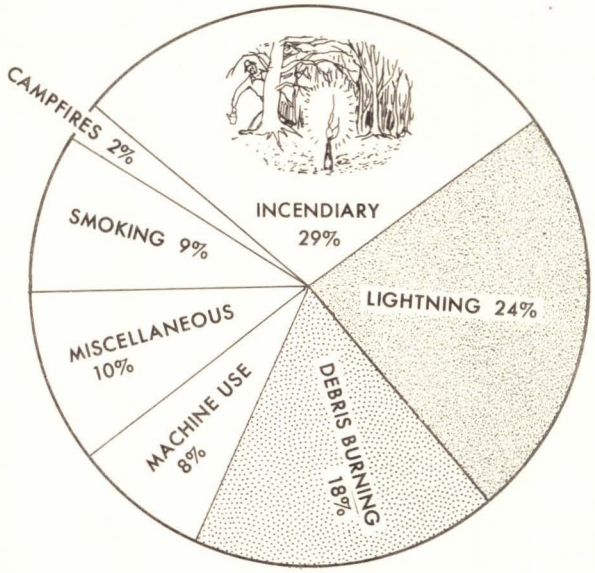
* See Page 46 for list of States included in each Group.
** See Page 47 for General Fire Cause definitions.
*** On State and Private lands only.

STATES*	OWNERSHIP	ACRES BURNED BY CAUSE CLASSES**							TOTAL	Man-Caused		Owner *** Responsibility	
		Lightning	Campfires	Smoking	Debris Burning	Incendiary	Machine Use	Miscellaneous		Acres Burned	% of Total	Acres Burned	% of Total
MINNESOTA	Federal	1	---	20	88	11	---	236	356	355	99.72		
	State & Private	22	413	2,484	37,950	26,146	2,528	798	70,341	70,319	99.97	17,745	25.23
	TOTAL	23	413	2,504	38,038	26,157	2,528	1,034	70,697	70,674	99.97		
MISSISSIPPI	Federal	96	40	136	110	743	105	435	1,665	1,569	94.23		
	State & Private	575	537	3,762	14,289	90,787	1,398	1,718	113,066	112,491	99.49	9,609	8.50
	TOTAL	671	577	3,898	14,399	91,530	1,503	2,153	114,731	114,060	99.42		
MISSOURI	Federal	20	12	78	30	385	6	170	701	681	97.15		
	State & Private	30	408	999	15,936	12,001	2,230	1,733	33,337	33,307	99.91	14,448	43.34
	TOTAL	50	420	1,077	15,966	12,386	2,236	1,903	34,038	33,988	99.85		
MONTANA	Federal	2,150	215	205	1,812	---	456	241	5,079	2,929	57.67		
	State & Private	2,337	11	35	1,801	1	117	61	4,363	2,026	46.43	1,004	23.01
	TOTAL	4,487	226	240	3,613	1	573	302	9,442	4,955	52.48		
NEBRASKA	Federal	13	---	6	120	---	5	59	203	190	93.60		
	State & Private	3,130	---	5,565	3,028	2,068	832	9,580	24,203	21,073	87.07	3,860	15.94
	TOTAL	3,143	---	5,571	3,148	2,068	837	9,639	24,406	21,263	87.12		
NEVADA	Federal	7,694	178	304	70	4	477	10	8,737	1,043	11.94		
	State & Private	2,109	19	1,808	143	28	964	69	5,140	3,031	58.97	392	7.63
	TOTAL	9,803	197	2,112	213	32	1,441	79	13,877	4,074	29.36		
NEW HAMPSHIRE	Federal	---	---	---	---	---	---	---	---	---	---		
	State & Private	15	46	161	175	120	88	115	720	705	97.92	439	60.97
	TOTAL	15	46	161	175	120	88	115	720	705	97.92		
NEW JERSEY	Federal	---	---	42	---	2	---	19	63	63	100.00		
	State & Private	4	1,406	3,598	491	1,853	92	1,120	8,564	8,560	99.95	609	7.11
	TOTAL	4	1,406	3,640	491	1,855	92	1,139	8,627	8,623	99.95		
NEW MEXICO	Federal	4,094	159	60	396	3	681	204	5,597	1,503	26.85		
	State & Private	14,832	126	300	134	2	20	1	15,415	583	3.78	6	0.04
	TOTAL	18,926	285	360	530	5	701	205	21,012	2,086	9.93		
NEW YORK	Federal	---	---	1	---	42	5	---	48	48	100.00		
	State & Private	31	236	1,531	4,593	1,141	2,316	1,565	11,413	11,382	99.72	6,605	57.87
	TOTAL	31	236	1,532	4,593	1,183	2,321	1,565	11,461	11,430	99.73		
NORTH CAROLINA	Federal	3	40	142	548	199	109	4,839	5,880	5,877	99.95		
	State & Private	2,292	476	9,052	28,353	28,551	5,849	6,083	80,656	78,364	97.16	26,110	32.37
	TOTAL	2,295	516	9,194	28,901	28,750	5,958	10,922	86,536	84,241	97.35		
NORTH DAKOTA	Federal	77	---	679	2,248	30	368	180	3,582	3,505	97.85		
	State & Private	---	---	---	362	---	---	---	362	362	100.00	162	44.75
	TOTAL	77	---	679	2,610	30	368	180	3,944	3,867	98.05		
OHIO	Federal	---	1	3	1	46	---	2	53	53	100.00		
	State & Private	9	234	946	2,492	1,013	494	605	5,793	5,784	99.84	2,787	48.11
	TOTAL	9	235	949	2,493	1,059	494	607	5,846	5,837	99.85		
OKLAHOMA	Federal	7	2	16	55	74	---	14	168	161	95.83		
	State & Private	31	228	1,254	6,070	16,955	1,028	5,717	31,283	31,252	99.90	3,719	11.89
	TOTAL	38	230	1,270	6,125	17,029	1,028	5,731	31,451	31,413	99.88		

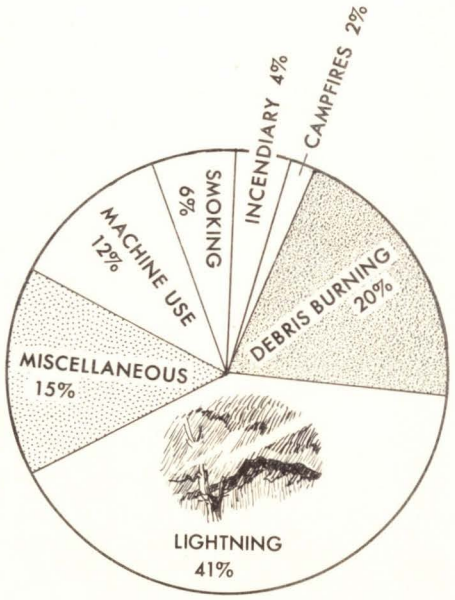
STATES													
OREGON	Federal	17,759	273	1,387	508	14	953	1,021	21,915	4,156	18.96		
	State & Private	9,836	19	252	398	20	1,533	1,617	13,675	3,839	28.07	3,137	22.94
	TOTAL	27,595	292	1,639	906	34	2,486	2,638	35,590	7,995	22.46		
PENNSYLVANIA	Federal	---	---	10	13	---	4	10	37	37	100.00		
	State & Private	69	1,014	999	2,816	2,919	2,869	2,353	13,039	12,970	99.47	1,046	8.02
	TOTAL	69	1,014	1,009	2,829	2,919	2,873	2,363	13,076	13,007	99.47		
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---	---	---		
	State & Private	---	---	37	209	1,058	148	617	2,069	2,069	100.00	341	16.48
	TOTAL	---	---	37	209	1,058	148	617	2,069	2,069	100.00		
SOUTH CAROLINA	Federal	19	2	143	314	338	10	1,128	1,954	1,935	99.02		
	State & Private	418	1,011	16,625	28,686	55,750	6,387	2,944	111,821	111,403	99.63	5,636	5.04
	TOTAL	437	1,013	16,768	29,000	56,088	6,397	4,072	113,775	113,338	99.62		
SOUTH DAKOTA	Federal	93	2,301	1,017	3,949	729	1,133	777	9,999	9,906	99.07		
	State & Private	345	---	---	186	5	3,889	43	4,468	4,123	92.28	854	19.11
	TOTAL	438	2,301	1,017	4,135	734	5,022	820	14,467	14,029	96.97		
TENNESSEE	Federal	14	5	31	19	178	13	72	332	318	95.78		
	State & Private	76	588	1,550	8,680	5,631	1,287	2,499	20,311	20,235	99.63	5,143	25.32
	TOTAL	90	593	1,581	8,699	5,809	1,300	2,571	20,643	20,553	99.56		
TEXAS	Federal	4,199	---	101	18	5	1	110	4,434	235	5.30		
	State & Private	37	796	1,508	3,109	3,263	579	628	9,920	9,883	99.63	2,984	30.08
	TOTAL	4,236	796	1,609	3,127	3,268	580	738	14,354	10,118	70.49		
UTAH	Federal	3,829	3,293	293	463	18	295	1,770	9,961	6,132	61.56		
	State & Private	6,042	235	677	2,034	624	1,190	2,308	13,110	7,068	53.91	1,180	9.00
	TOTAL	9,871	3,528	970	2,497	642	1,485	4,078	23,071	13,200	57.21		
VERMONT	Federal	---	---	---	---	1	---	---	1	1	100.00		
	State & Private	1	16	140	300	36	19	202	714	713	99.86	344	48.18
	TOTAL	1	16	140	300	37	19	202	715	714	99.86		
VIRGINIA	Federal	186	9	45	39	13	100	98	490	304	62.04		
	State & Private	70	361	1,843	3,622	1,418	913	2,021	10,248	10,178	99.32	4,127	40.27
	TOTAL	256	370	1,888	3,661	1,431	1,013	2,119	10,738	10,482	97.62		
WASHINGTON	Federal	51	10	249	499	485	3,976	12,736	18,006	17,955	99.72		
	State & Private	65	70	1,892	1,319	1,250	1,834	18,030	24,460	24,395	99.73	4,978	20.35
	TOTAL	116	80	2,141	1,818	1,735	5,810	30,766	42,466	42,350	99.73		
WEST VIRGINIA	Federal	---	---	2	4	134	1	8	149	149	100.00		
	State & Private	45	588	2,390	9,074	8,149	3,914	3,589	27,749	27,704	99.86	6,618	23.85
	TOTAL	45	588	2,392	9,078	8,283	3,915	3,597	27,898	27,853	99.84		
WISCONSIN	Federal	---	---	9	---	29	---	113	151	151	100.00		
	State & Private	48	514	2,177	6,271	3,819	4,191	1,912	18,932	18,884	99.75	5,871	31.01
	TOTAL	48	514	2,186	6,271	3,848	4,191	2,025	19,083	19,035	99.75		
WYOMING	Federal	361	12	1,472	439	---	---	267	2,551	2,190	85.85		
	State & Private	2,261	92	2,328	524	1	6,871	45	12,122	9,861	81.35	2,010	16.58
	TOTAL	2,622	104	3,800	963	1	6,871	312	14,673	12,051	82.13		

* See Page 46 for list of States included in each Group.
** See Page 47 for General Fire Cause definitions.
*** On State and Private lands only.

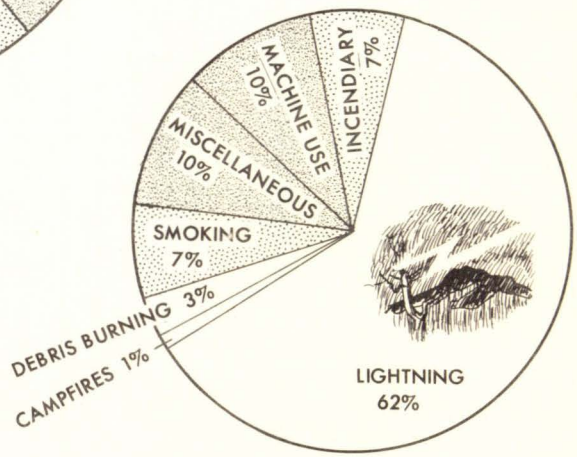
ACRES BURNED - BY FIRE CAUSES
- NATIONWIDE -
BY PERCENT OF FIVE YEAR TOTALS
1964 - 1968



UNITED STATES



ROCKY MOUNTAIN GROUP

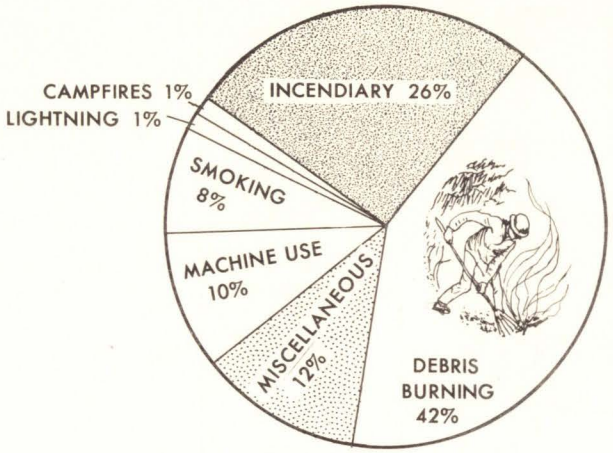


PACIFIC GROUP

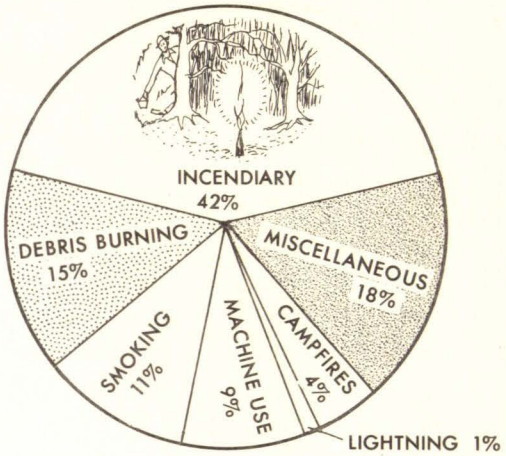
PICTURE - 1ST LEADING FIRE CAUSE

- 2ND LEADING FIRE CAUSE

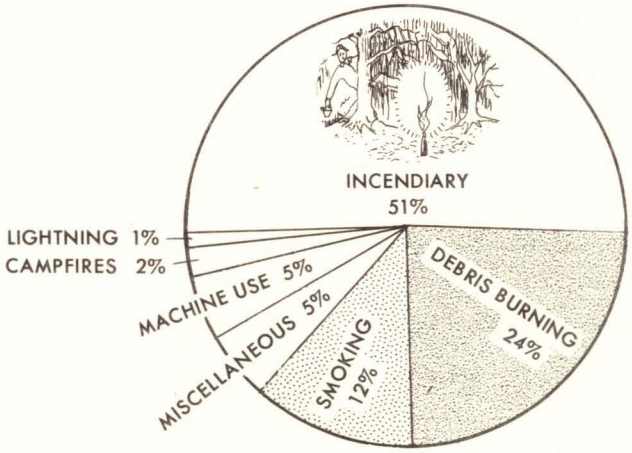
- 3RD LEADING FIRE CAUSE



NORTH CENTRAL GROUP



EASTERN GROUP



SOUTHERN GROUP

ACRES BURNED BY WILDFIRES IN THE UNITED STATES BY AREA TYPE CLASSES - CALENDAR YEAR 1968

PROTECTED AREA ONLY - BY STATES AND GROUPS OF STATES

GROUPS * OF STATES	OWNERSHIP	ACRES BURNED BY AREA TYPE CLASSES**						TOTAL NUMBER OF ACRES BURNED	Average No. Acres Burned Per Fire
		Commercial Forest	Non-Commercial Forest	TOTAL FOREST	Percent of Total Acreage Burned	TOTAL NONFORESTED WATERSHED	Percent of Total Acreage Burned		
UNITED STATES	Federal	270,118	384,015	654,133	54.29	550,785	45.71	1,204,918	120
	State & Private	1,044,457	60,924	1,105,381	67.67	528,033	32.33	1,633,414	15
	TOTAL	1,314,575	444,939	1,759,514	61.99	1,078,818	38.01	2,838,332	24
ROCKY MOUNTAIN GROUP	Federal	13,186	39,238	52,424	47.83	57,171	52.17	109,595	24
	State & Private	12,453	18,693	31,146	12.61	215,855	87.39	247,001	44
	TOTAL	25,639	57,931	83,570	23.44	273,026	76.56	356,596	35
PACIFIC GROUP	Federal	244,338	339,308	583,646	54.47	487,941	45.53	1,071,587	270
	State & Private	47,630	14,280	61,910	35.11	114,396	64.89	176,306	36
	TOTAL	291,968	353,588	645,556	51.73	602,337	48.27	1,247,893	141
NORTH CENTRAL GROUP	Federal	2,246	255	2,501	94.09	157	5.91	2,658	10
	State & Private	68,689	8,225	76,914	45.62	91,681	54.38	168,595	16
	TOTAL	70,935	8,480	79,415	46.37	91,838	53.63	171,253	16
SOUTHERN GROUP	Federal	10,195	5,063	15,258	73.45	5,515	26.55	20,773	18
	State & Private	842,514	12,245	854,759	89.39	101,410	10.61	956,169	14
	TOTAL	852,709	17,308	870,017	89.06	106,925	10.94	976,942	14
EASTERN GROUP	Federal	153	151	304	99.67	1	0.33	305	4
	State & Private	73,171	7,481	80,652	94.50	4,691	5.50	85,343	5
	TOTAL	73,324	7,632	80,956	94.52	4,692	5.48	85,648	5
STATES									
ALABAMA	Federal	772	50	822	100.00	---	---	822	10
	State & Private	154,811	663	155,474	89.65	17,957	10.35	173,431	17
	TOTAL	155,583	713	156,296	89.69	17,957	10.31	174,253	17
ALASKA	Federal	223,115	252,350	475,465	50.80	460,408	49.20	935,873	2,713
	State & Private	22,979	1,254	24,233	72.44	9,219	27.56	33,452	237
	TOTAL	246,094	253,604	499,698	51.55	469,627	48.45	969,325	1,995
ARIZONA	Federal	7,553	25,510	33,063	91.26	3,167	8.74	36,230	28
	State & Private	9	---	9	81.82	2	18.18	11	Neg.
	TOTAL	7,562	25,510	33,072	91.26	3,169	8.74	36,241	27
ARKANSAS	Federal	901	6	907	100.00	---	---	907	8
	State & Private	42,789	116	42,905	64.51	23,605	35.49	66,510	29
	TOTAL	43,690	122	43,812	64.99	23,605	35.01	67,417	28
CALIFORNIA	Federal	3,291	81,294	84,585	88.49	10,997	11.51	95,582	56
	State & Private	3,465	108	3,573	3.91	87,821	96.09	91,394	30
	TOTAL	6,756	81,402	88,158	47.15	98,818	52.85	186,976	39
COLORADO	Federal	758	1,639	2,397	95.04	125	4.96	2,522	7
	State & Private	1,988	747	2,735	17.70	12,714	82.30	15,449	20
	TOTAL	2,746	2,386	5,132	28.56	12,839	71.44	17,971	15
CONNECTICUT	Federal	---	---	---	---	---	---	---	---
	State & Private	1,998	---	1,998	84.63	363	15.37	2,361	4
	TOTAL	1,998	---	1,998	84.63	363	15.37	2,361	4
DELAWARE	Federal	---	---	---	---	---	---	---	---
	State & Private	102	---	102	100.00	---	---	102	3
	TOTAL	102	---	102	100.00	---	---	102	3

STATES									
FLORIDA	Federal	1,543	84	1,627	63.58	932	36.42	2,559	12
	State & Private	135,903	911	136,814	99.38	860	0.62	137,674	19
	TOTAL	137,446	995	138,441	98.72	1,792	1.28	140,233	19
GEORGIA	Federal	659	26	685	99.85	1	0.15	686	13
	State & Private	73,743	---	73,743	82.89	15,224	17.11	88,967	8
	TOTAL	74,402	26	74,428	83.02	15,225	16.98	89,653	8
HAWAII	Federal	---	211	211	100.00	---	---	211	211
	State & Private	1,015	1,485	2,500	18.76	10,825	81.24	13,325	555
	TOTAL	1,015	1,696	2,711	20.03	10,825	79.97	13,536	541
IDAHO	Federal	1,365	5,189	6,554	26.34	18,326	73.66	24,880	32
	State & Private	1,054	126	1,180	17.99	5,378	82.01	6,558	12
	TOTAL	2,419	5,315	7,734	24.60	23,704	75.40	31,438	24
ILLINOIS	Federal	279	72	351	100.00	---	---	351	22
	State & Private	3,820	---	3,820	49.33	3,924	50.67	7,744	25
	TOTAL	4,099	72	4,171	51.53	3,924	48.47	8,095	26
INDIANA	Federal	93	11	104	100.00	---	---	104	9
	State & Private	2,258	403	2,661	35.01	4,940	64.99	7,601	12
	TOTAL	2,351	414	2,765	35.89	4,940	64.11	7,705	12
IOWA	Federal	---	5	5	14.29	30	85.71	35	35
	State & Private	348	617	965	11.33	7,549	88.67	8,514	16
	TOTAL	348	622	970	11.35	7,579	88.65	8,549	16
KANSAS	Federal	---	233	233	91.73	21	8.27	254	42
	State & Private	600	2,076	2,676	1.84	143,124	98.16	145,800	55
	TOTAL	600	2,309	2,909	1.99	143,145	98.01	146,054	55
KENTUCKY	Federal	432	24	456	100.00	---	---	456	7
	State & Private	33,122	---	33,122	100.00	---	---	33,122	11
	TOTAL	33,554	24	33,578	100.00	---	---	33,578	11
LOUISIANA	Federal	413	7	420	100.00	---	---	420	5
	State & Private	79,160	---	79,160	100.00	---	---	79,160	12
	TOTAL	79,573	7	79,580	100.00	---	---	79,580	12
MAINE	Federal	---	3	3	100.00	---	---	3	1
	State & Private	5,758	247	6,005	96.11	243	3.89	6,248	12
	TOTAL	5,758	250	6,008	96.11	243	3.89	6,251	13
MARYLAND	Federal	---	1	1	100.00	---	---	1	Neg.
	State & Private	1,262	422	1,684	100.00	---	---	1,684	3
	TOTAL	1,262	423	1,685	100.00	---	---	1,685	3
MASSACHUSETTS	Federal	---	3	3	100.00	---	---	3	Neg.
	State & Private	3,737	5,018	8,755	81.98	1,925	18.02	10,680	1
	TOTAL	3,737	5,021	8,758	81.98	1,925	18.02	10,683	1
MICHIGAN	Federal	849	58	907	100.00	---	---	907	22
	State & Private	15,154	656	15,810	96.80	523	3.20	16,333	14
	TOTAL	16,003	714	16,717	96.97	523	3.03	17,240	14

* See Page 46 for list of States included in each Group.
** See Page 47 for Area Type (Land Classification) totals.

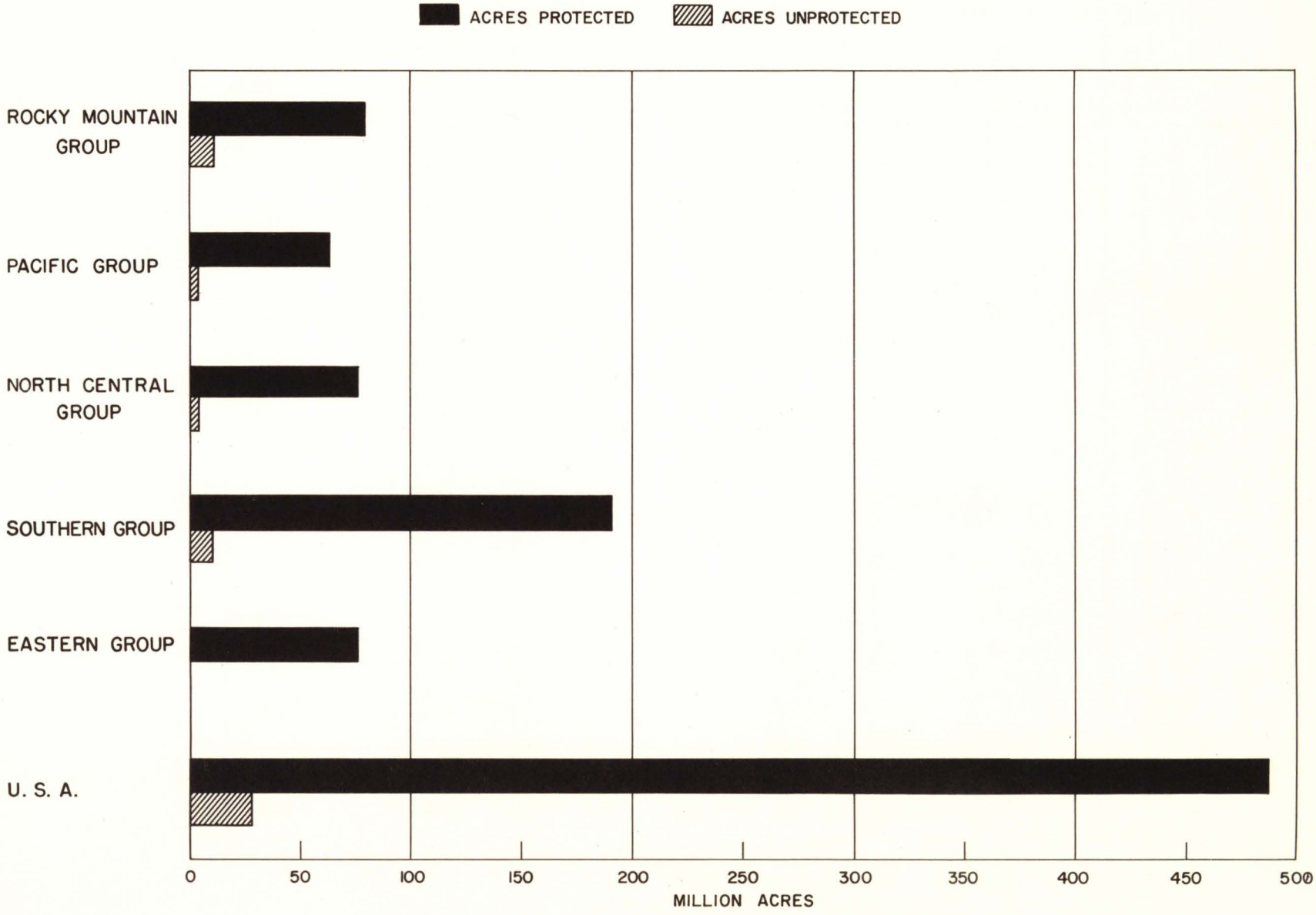
STATES*	OWNERSHIP	ACRES BURNED BY AREA TYPE CLASSES**						TOTAL NUMBER OF ACRES BURNED	Average No. Acres Burned Per Fire
		Commercial Forest	Non-Commercial Forest	TOTAL FOREST	Percent of Total Acreage Burned	TOTAL NONFORESTED WATERSHED	Percent of Total Acreage Burned		
MINNESOTA	Federal	218	41	259	72.75	97	27.25	356	9
	State & Private	11,561	4,319	15,880	22.58	54,461	77.42	70,341	58
	TOTAL	11,779	4,360	16,139	22.83	54,558	77.17	70,697	56
MISSISSIPPI	Federal	1,563	43	1,606	96.46	59	3.54	1,665	10
	State & Private	94,291	---	94,291	83.39	18,775	16.61	113,066	15
	TOTAL	95,854	43	95,897	83.58	18,834	16.42	114,731	15
MISSOURI	Federal	655	46	701	100.00	---	---	701	6
	State & Private	23,907	178	24,085	72.25	9,252	27.75	33,337	12
	TOTAL	24,562	224	24,786	72.82	9,252	27.18	34,038	12
MONTANA	Federal	1,626	1,696	3,322	65.41	1,757	34.59	5,079	12
	State & Private	2,713	1,096	3,809	87.30	554	12.70	4,363	15
	TOTAL	4,339	2,792	7,131	75.52	2,311	24.48	9,442	13
NEBRASKA	Federal	45	27	72	35.47	131	64.53	203	9
	State & Private	174	---	174	0.72	24,029	99.28	24,203	57
	TOTAL	219	27	246	1.01	24,160	98.99	24,406	55
NEVADA	Federal	152	1,089	1,241	14.20	7,496	85.80	8,737	34
	State & Private	181	15	196	3.81	4,944	96.19	5,140	32
	TOTAL	333	1,104	1,437	10.36	12,440	89.64	13,877	33
NEW HAMPSHIRE	Federal	---	---	---	---	---	---	---	---
	State & Private	285	9	294	40.83	426	59.17	720	1
	TOTAL	285	9	294	40.83	426	59.17	720	1
NEW JERSEY	Federal	---	63	63	100.00	---	---	63	9
	State & Private	7,339	---	7,339	85.70	1,225	14.30	8,564	5
	TOTAL	7,339	63	7,402	85.80	1,225	14.20	8,627	5
NEW MEXICO	Federal	577	857	1,434	25.62	4,163	74.38	5,597	8
	State & Private	3,897	11,503	15,400	99.90	15	0.10	15,415	162
	TOTAL	4,474	12,360	16,834	80.12	4,178	19.88	21,012	28
NEW YORK	Federal	5	43	48	100.00	---	---	48	16
	State & Private	11,063	350	11,413	100.00	---	---	11,413	8
	TOTAL	11,068	393	11,461	100.00	---	---	11,461	8
NORTH CAROLINA	Federal	1,330	37	1,367	23.25	4,513	76.75	5,880	64
	State & Private	66,346	3,476	69,822	86.57	10,834	13.43	80,656	13
	TOTAL	67,676	3,513	71,189	82.27	15,347	17.73	86,536	13
NORTH DAKOTA	Federal	---	754	754	21.05	2,828	78.95	3,582	66
	State & Private	332	---	332	91.71	30	8.29	362	60
	TOTAL	332	754	1,086	27.54	2,858	72.46	3,944	66
OHIO	Federal	53	---	53	100.00	---	---	53	4
	State & Private	3,199	951	4,150	71.64	1,643	28.36	5,793	5
	TOTAL	3,252	951	4,203	71.90	1,643	28.10	5,846	5
OKLAHOMA	Federal	118	40	158	94.05	10	5.95	168	6
	State & Private	24,340	6,943	31,283	100.00	---	---	31,283	54
	TOTAL	24,458	6,983	31,441	99.97	10	0.03	31,451	52

* See Page 46 for list of States included in each Group.
** See Page 47 for Area Type (Land Classification) definitions.

STATES									
OREGON	Federal	7,248	989	8,237	37.59	13,678	62.41	21,915	14
	State & Private	10,376	137	10,513	76.88	3,162	23.12	13,675	17
	TOTAL	17,624	1,126	18,750	52.68	16,840	47.32	35,590	15
PENNSYLVANIA	Federal	28	9	37	100.00	---	---	37	3
	State & Private	13,039	---	13,039	100.00	---	---	13,039	9
	TOTAL	13,067	9	13,076	100.00	---	---	13,076	9
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---
	State & Private	583	1,435	2,018	97.53	51	2.47	2,069	5
	TOTAL	583	1,435	2,018	97.53	51	2.47	2,069	5
SOUTH CAROLINA	Federal	1,648	306	1,954	100.00	---	---	1,954	21
	State & Private	97,666	---	97,666	87.34	14,155	12.66	111,821	17
	TOTAL	99,314	306	99,620	87.56	14,155	12.44	113,775	17
SOUTH DAKOTA	Federal	537	111	648	6.48	9,351	93.52	9,999	52
	State & Private	60	3,030	3,090	69.16	1,378	30.84	4,468	50
	TOTAL	597	3,141	3,738	25.84	10,729	74.16	14,467	51
TENNESSEE	Federal	312	20	332	100.00	---	---	332	5
	State & Private	20,311	---	20,311	100.00	---	---	20,311	6
	TOTAL	20,623	20	20,643	100.00	---	---	20,643	6
TEXAS	Federal	156	4,278	4,434	100.00	---	---	4,434	127
	State & Private	9,920	---	9,920	100.00	---	---	9,920	32
	TOTAL	10,076	4,278	14,354	100.00	---	---	14,354	15
UTAH	Federal	164	1,889	2,053	20.61	7,908	79.39	9,961	32
	State & Private	---	---	---	---	13,110	100.00	13,110	3
	TOTAL	164	1,889	2,053	8.90	21,018	91.10	23,071	32
VERMONT	Federal	---	---	---	---	1	100.00	1	Neg.
	State & Private	256	---	256	35.85	458	64.15	714	4
	TOTAL	256	---	256	35.80	459	64.20	715	3
VIRGINIA	Federal	348	142	490	100.00	---	---	490	9
	State & Private	10,112	136	10,248	100.00	---	---	10,248	4
	TOTAL	10,460	278	10,738	100.00	---	---	10,738	4
WASHINGTON	Federal	10,684	4,464	15,148	84.13	2,858	15.87	18,006	49
	State & Private	9,795	11,296	21,091	86.23	3,369	13.77	24,460	28
	TOTAL	20,479	15,760	36,239	85.34	6,227	14.66	42,466	35
WEST VIRGINIA	Federal	120	29	149	100.00	---	---	149	8
	State & Private	27,749	---	27,749	100.00	---	---	27,749	17
	TOTAL	27,869	29	27,898	100.00	---	---	27,898	17
WISCONSIN	Federal	99	22	121	80.13	30	19.87	151	15
	State & Private	8,442	1,101	9,543	50.41	9,389	49.59	18,932	8
	TOTAL	8,541	1,123	9,664	50.64	9,419	49.36	19,083	8
WYOMING	Federal	409	244	653	25.60	1,898	74.40	2,551	16
	State & Private	1,445	100	1,545	12.75	10,577	87.25	12,122	92
	TOTAL	1,854	344	2,198	14.98	12,475	85.02	14,673	50

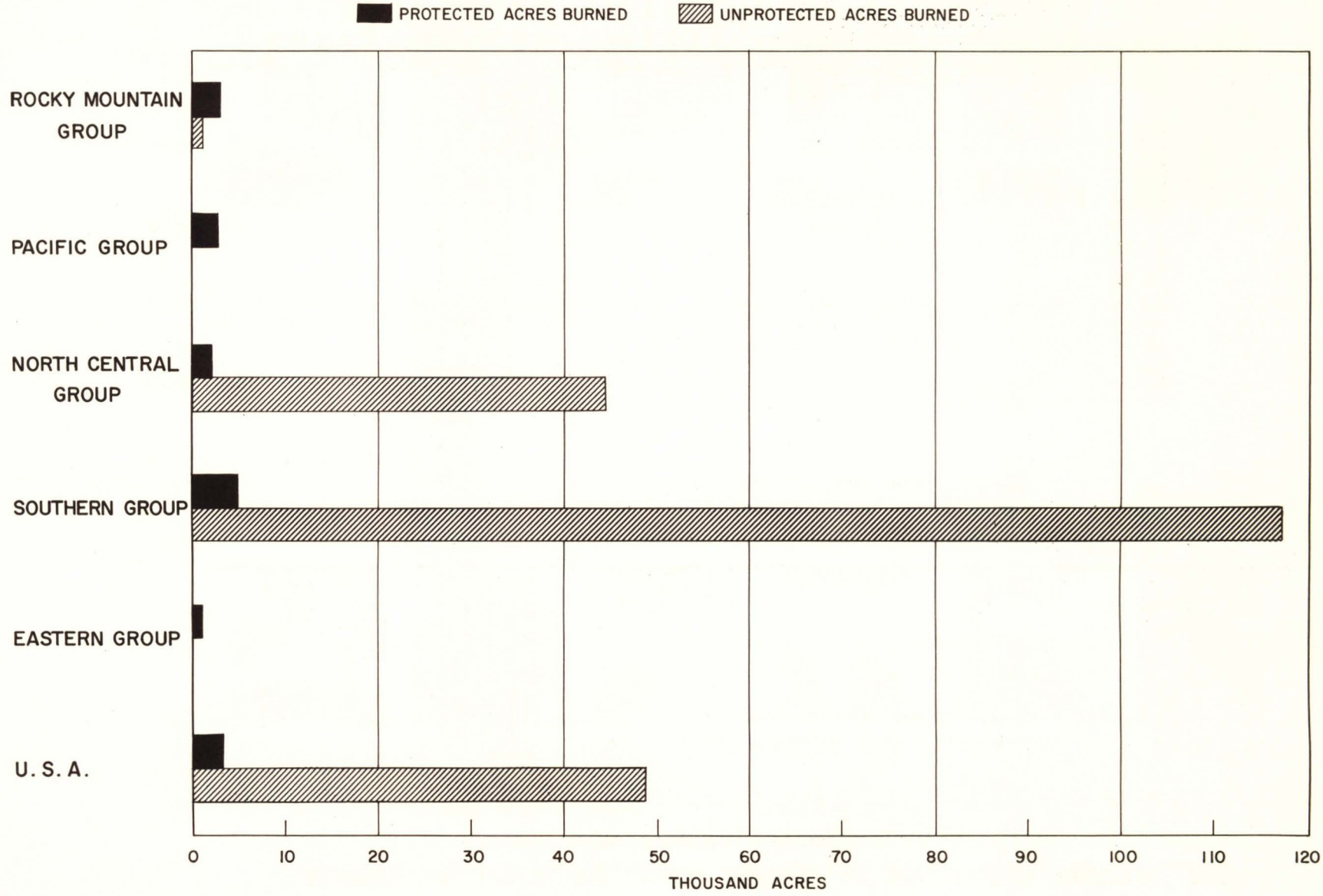
ACRES PROTECTED AND ACRES UNPROTECTED — BY GROUPS - 1968

STATE AND PRIVATE LANDS - [C-M 2]

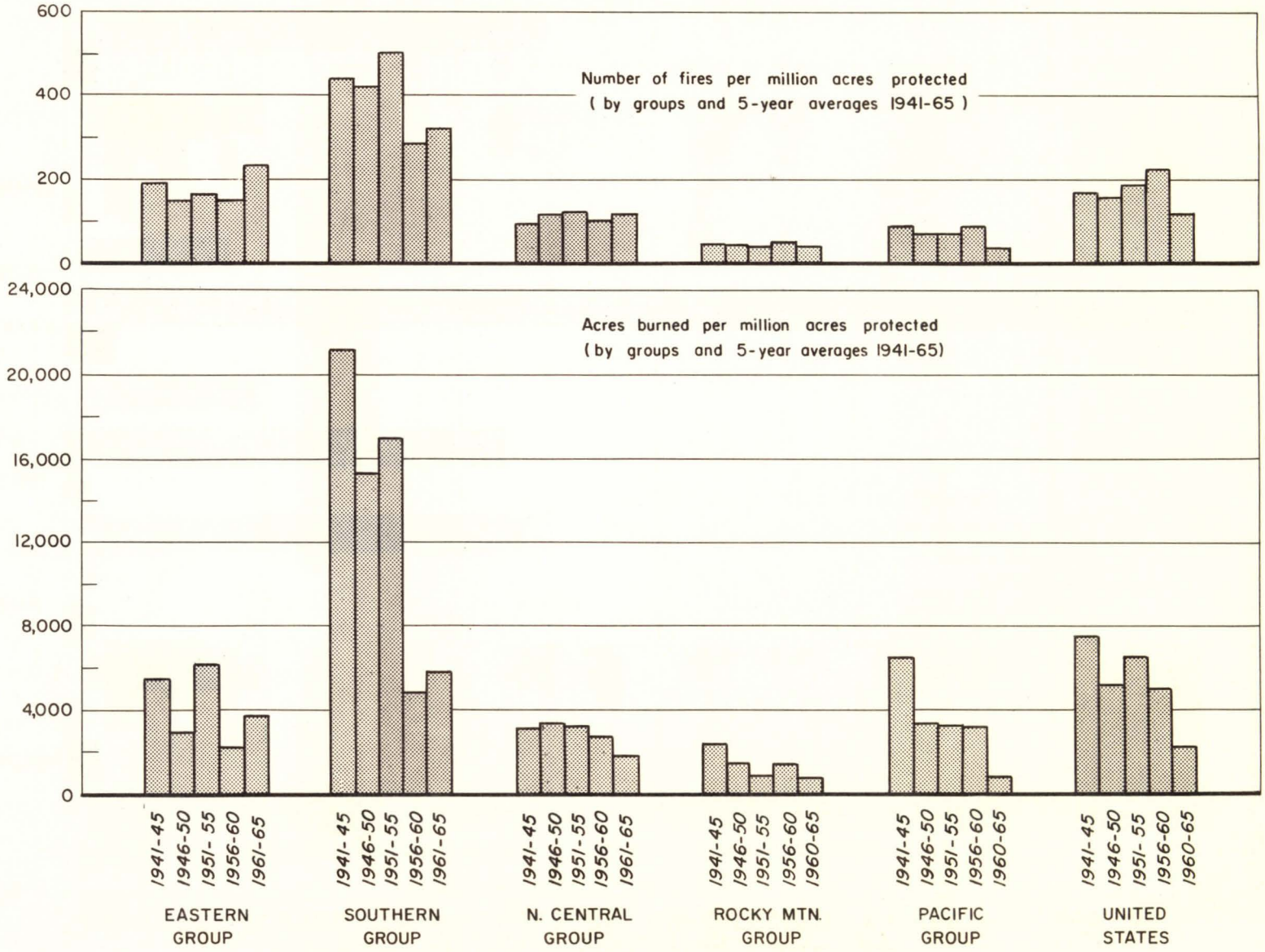


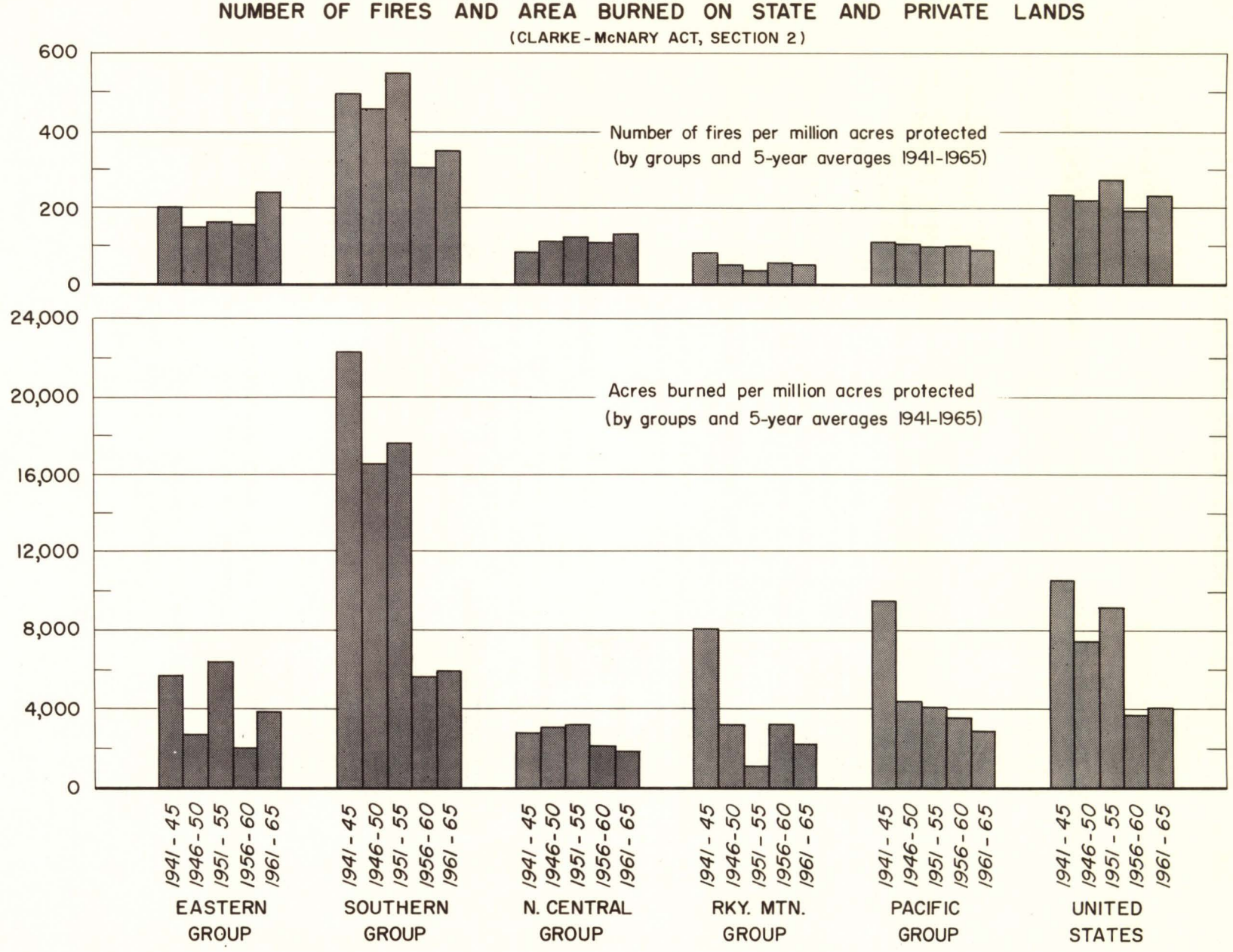
ACRES BURNED PER MILLION ACRES PROTECTED AND ACRES BURNED PER MILLION ACRES UNPROTECTED - BY GROUPS - 1968

STATE AND PRIVATE LANDS - (C-M2)



NUMBER OF FIRES AND AREA BURNED ON PROTECTED FEDERAL AND NON-FEDERAL FOREST LANDS




NUMBER OF FIRES AND AREA BURNED ON STATE AND PRIVATE LANDS
(CLARKE - McNARY ACT, SECTION 2)
600
400
200
0
Number of fires per million acres protected
(by groups and 5-year averages 1941-1965)
24,000
20,000
16,000
12,000
8,000
4,000
0
Acres burned per million acres protected
(by groups and 5-year averages 1941-1965)
1941 - 45
1946-50
1951 - 55
1956-60
1961 - 65
EASTERN GROUP
SOUTHERN GROUP
N. CENTRAL GROUP
RKY. MTN. GROUP
PACIFIC GROUP
UNITED STATES

GEOGRAPHIC GROUPS OF STATES

Rocky Mountain Group:

Arizona
Colorado
Idaho
Kansas
Montana
Nebraska
Nevada
New Mexico
North Dakota
South Dakota
Utah
Wyoming

Pacific Group:

Alaska
California
Hawaii
Oregon
Washington

North Central Group:

Illinois
Indiana
Iowa
Michigan
Minnesota
Missouri
Ohio
Wisconsin

Southern Group:

Alabama
Arkansas
Florida
Georgia
Kentucky
Louisiana
Mississippi
North Carolina
Oklahoma
South Carolina
Tennessee
Texas
Virginia

Eastern Group:

Connecticut
Delaware
Maine
Maryland
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
Vermont
West Virginia

BASIC DEFINITIONS

WILDFIRE - Any fire that burns uncontrolled in vegetative or associated flammable material.

REPORTABLE FIRE - Any wildfire that requires suppression action to protect natural resources or values associated with natural resources, or is destructive to natural resources.

LAND CLASSIFICATIONS:

Commercial Forest Land - Forest land that is producing, or is capable of producing, crops of industrial wood and is not withdrawn from timber use by statute or administrative regulation. Includes areas suitable for management to grow crops of industrial wood and generally capable of producing in excess of 20 cubic feet per acre of annual growth. Includes both accessible and prospectively operable areas. (USFS Forest Survey).

Noncommercial Forest Land - Unproductive forest land incapable of yielding crops of industrial wood because of adverse site conditions, and productive forest land withdrawn from commercial timber use through statute or administrative regulation. (USFS Forest Survey).

Nonforested Watershed Land - Land that has never supported forests, and lands formerly forested but now developed for such nonforest uses as crops, improved pasture, residential areas, city parks, improved roads and adjoining rights-of-way, powerline clearings, and certain areas of water classified by the Bureau of the Census as land. Includes brush, chaparral, or grass-covered watershed of navigable streams, or streams which are important for supplying water for domestic use or irrigation. (A combination of USFS Survey and C-M 2 definitions).

GENERAL FIRE CAUSES:

Lightning - Self-explanatory.

Campfire - A wildfire resulting from a fire started for cooking, heating, or providing light or warmth.

Smoking - Wildfires caused by smokers from matches, lighters, tobacco, or other smoking material.

GENERAL FIRE CAUSES - (continued):

Debris Burning - A wildfire spreading from clearing land, burning trash, range, stubble, meadow, rights-of-way, logging slash, or other prescribed burning.

Incendiary - Wildfires willfully set by anyone to burn, or to spread to, vegetation or property not owned or controlled by him, and without consent of the owner or his agent.

Machine Use - Wildfires caused by any and all mechanical equipment other than railroad operations.

Railroad - Wildfires caused by all railroad operations including burning rights-of-way and ties.

Miscellaneous - Wildfires that cannot be properly classified under other general causes.